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DEPARTMENT OF COMMERCE
U.S. BUREAU OF THE CENSUS
WASHINGTON

FOURTEENTH CENSUS OF THE UNITED STATES
MANUFACTURES: 1919

MARYLAND

Prepared under the supervision of EUGENE F. HARTLEY, Chief Statistician for Manufactures

22-26626 • CONTENTS

	Page.		Page.
EXPLANATION OF TERMS.....	2	Manufactures, by population groups, in cities of 10,000 inhabitants or more.....	14
GENERAL STATISTICS.		Principal industries in Baltimore, with per cent of total for state.....	14
General character of the state.....	3	Number and horsepower of types of prime movers.....	15
Comparative summary.....	5	Fuel consumed.....	15
Statistics for the state, by counties.....	5	SPECIAL STATISTICS.	
Principal industries, ranked by value of products.....	6	Shipbuilding, including boat building.....	16
Persons engaged in manufacturing industries.....	6	Slaughtering and meat packing.....	16
Average number of wage earners for selected industries, with per cent, by sex and age.....	7	Fertilizers.....	17
Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more.....	7	Canning and preserving.....	17
Wage earners, by months.....	8	Flour-mill and gristmill products.....	17
Wage earners, by months, for selected industries and for cities.....	8	Cotton goods.....	18
Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities.....	9	Printing and publishing.....	18
Size of establishments, by average number of wage earners, for selected industries and for cities.....	10	Laundries.....	18
Size of establishments, by value of products.....	11	Dyeing and cleaning.....	19
Size of establishments, by value of products, for selected industries.....	11	Custom gristmills and custom sawmills.....	19
Size of establishments, by value of products, for cities of 10,000 inhabitants or more.....	13	GENERAL TABLES.	
Character of ownership, for selected industries and for cities.....	13	Table 31.—Comparative summary for selected industries and for cities: 1919, 1914, and 1909.....	20
		Table 32.—Detailed statement of all industries combined and specified industries: 1919.....	22



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EXPLANATION OF TERMS.

Scope of census.—Census statistics of mines and quarries, and petroleum and natural-gas wells are compiled primarily for the purpose of showing the absolute and relative magnitude of the different branches of industry covered and their growth or decline. Incidentally, the effort is made to present data throwing light upon character of ownership, size of enterprises, and similar subjects. When use is made of the statistics for these purposes it is imperative that due attention be given to their limitations, particularly in connection with any attempt to derive from them figures purporting to show average wages, cost of production, or profits.

The census does not cover enterprises which were idle, that is, which did neither productive work nor development work during the entire year; or enterprises the products of which were valued at less than \$500 or, in the bituminous coal-mining industry, producing less than 1,000 tons; or, if nonproducing enterprises, those doing development work amounting to less than \$5,000.

Period covered.—The returns relate to the calendar year 1919, or the business year which corresponded most nearly to that calendar year, and cover a year's operations, except for enterprises which began or discontinued business during the year.

The enterprise.—As used in the text and tables the term enterprise represents one or more mines and quarries, wells or groups of wells, or natural-gas gasoline plants all within the same state operated under a common ownership or unified control, or for which only one set of books of account was kept, and for which a single report was secured. It may cover plants at several localities within the same state. If plants under unified control were not all located within the same state, separate reports were secured in order that statistics for the several enterprises thus defined might be included in statistics for the states in which they were located. The enterprise is further defined as being limited to a single industry. Separate reports were secured with very few exceptions for each industry conducted by an operator, and only where combined reports on two or more industries could not be separated does a single enterprise cover more than one industry. (See "Classification of industries.") The number of enterprises shown in the tables is equivalent to the number of individual reports tabulated.

Number of mines, quarries, wells, and plants.—Under these designations is given the count of the number of mines, quarries, wells, and gasoline plants shown by the returns received. The unit of enumeration for mines and quarries was difficult to define. As a rule each group of workings at a given locality in which operations were conducted as a unit or were unified by common management or joint handling of some part of the mining process, has been considered as a single mine or quarry. Many individual openings, therefore, are not counted as individual mines. The total number reported comprises those in operation or in the course of development during the year 1919. For petroleum and natural-gas wells the individual wells were counted and the total number productive December 31, 1919, was reported. The number of natural-gas gasoline plants is the total number reported in operation during the year.

Classification by industries.—The enterprises reported have been grouped by industries according to the kind of products. Only a few enterprises made consolidated reports covering more than one kind of product. In such cases classification was determined by the product of chief value.

Geographic presentation.—The general tables at the end of the bulletin give statistics of the industry in detail for each state or group of states which can be shown without disclosure of individual operations. Other tables present statistics by mining regions, producing provinces, or fields, these divisions comprising groups of states related by features peculiar to the industry.

Influence of increased prices.—In comparing figures for cost of supplies and materials, and value of products, with the corresponding figures for earlier censuses, account should be taken of the general increase in the prices of commodities during recent years. To the extent to which this factor has been influential the figures fail to afford an exact measure of the increase in the volume of business.

Persons engaged in the industry.—The following general classes of persons engaged in the mines and quarries and petroleum and natural-gas industries were distinguished: (1) Proprietors and firm members, (2) salaried officers of corporations, (3) superintendents and managers, (4) technical employees, (5) clerks (including other subordinate salaried employees), and (6) wage earners. In the reports for the census of 1909 the fourth class, technical employees, was not distinguished and was probably included with other salaried employees.

The number of persons engaged in each industry, segregated by occupation, sex, and, in the case of wage earners, also by age (whether under 16 or 16 and over), was reported for a single representative day. The 15th of December was selected as representing for most industries normal conditions of employment, but where this date was not a representative day report for another date was requested.

The number of employees other than wage earners thus reported for the representative date has been treated as equivalent to the average for the year, since the number of such employees does not ordinarily vary much from month to month. The average of wage earners has been obtained in the manner explained in the next paragraph.

In addition to the more detailed report by occupation, sex, and age of the number of wage earners on the representative date, a report was obtained of the number employed on the 15th of each month, without distinction of sex or age. From these figures the average number of wage earners for the year has been calculated by dividing the sum of the numbers reported for the several months by 12. The importance of the industry as an employer of labor is believed to be more accurately measured by this average than by the number employed at any one time or on a given day.

The total number of wage earners reported for the representative day is given in the table of detailed statistics for the industries, in connection with the classification of wage earners by occupation for the representative day. This number is not used in any other way because it is believed to be less significant than the average number. The number reported for the representative day, on account of the unavoidable variations of date, involves more or less duplication of persons working in different industries at different times; does not represent the total number employed in all industries at any one time; and gives undue weight to seasonal industries as compared with industries in continuous operation.

Prevailing hours of labor.—No attempt was made to ascertain the number of wage earners working a given number of hours per week. The inquiry called merely for the prevailing practice followed in each enterprise. Occasional variations in hours from one part of the year to another were disregarded, and no attention was paid to the fact that a few wage earners might have hours differing from those of the majority. All the wage earners of each enterprise are therefore counted

in the class in which the majority belong. In most enterprises, however, practically all the wage earners work the same number of hours, so that the figures give a substantially correct representation of the hours of labor.

Capital.—The instructions on the schedule for securing data relating to capital were as follows: "The answer should show the total amount of capital, owned and borrowed, invested by the operator in the enterprise on the last day of the business year reported. Do not include securities and loans representing investments in other enterprises." These instructions were identical with those employed at the Census of 1909. The reports received in respect to capital, however at both censuses, have in so many cases been defective that the data compiled are of value only as indicating very general conditions. While there are some enterprises maintaining accounting systems such that an accurate return for capital could be made, this is not true of the great majority, and the figures therefore do not show the actual amount of capital invested.

Expenses.—The expenses reported at the Census of 1919 include salaries and wages; the cost of supplies, materials, and fuels, including the freight on these; cost of power purchased; the cost of contract work; royalties and rents paid; and taxes paid or assessed. The Census of 1909 reported in addition to the items of expenses covered by the present census all other items of expense incident to that year's business except interest on indebtedness, dividends, and allowances for depreciation.

Salaries and wages.—Under these heads are given the total payments during the year for salaries and wages, respectively. The Census Bureau has not undertaken to calculate the average annual earnings of either salaried employees or wage earners. Such averages would possess little real value, because they would be based on the earnings of employees of both sexes, of all ages, in different occupations, and of widely varying degrees of skill. Furthermore, so far as wage earners are concerned, it would be impossible to calculate accurately even so simple an average as this, since the number of wage earners fluctuates rapidly and irregularly in every industry, and in some to a very great extent from day to day. The Census Bureau's figures for wage earners, as already explained, are averages based on the number employed on the 15th of each month and while representing the number according to the pay rolls to whom wages were paid on that date, no doubt represent a larger number than would be required to perform the work in any industry if all were continuously employed during the year.

Supplies and materials, fuel, and power.—Statistics as to supplies and materials, fuel, and power, relate to the cost of these used during the year which may be more or less than the amount purchased during the year. The term "supplies and materials" covers mine, mill, quarry, and well supplies, and mineral purchased for treatment, resale, or distribution.

Contract work.—The amounts reported under this head include expenditures for both productive operations and those prosecuted for development only; they are in effect indirect expenditures for salaries, wages, supplies, materials, and fuel and power.

Royalties and rents.—The amounts given under this head represent the payment to fee holders or the value of the share of product credited to fee holders for mineral output from leased land and also rents paid for plants, equipment, and privileges or easements.

Taxes.—The taxes include Federal capital stock, corporation income, and excess profits taxes; and also state, county, and local taxes. The data compiled in respect to Federal taxes are very defective largely for the reason that many mining corporations are engaged in other business and have sources of income other than from mining and do not pay taxes on mining separately. For many of these corporations no data have been obtained; for others satisfactory segregation for mining could not be made.

Expenditures for development work.—The expenses reported as defined above include costs of both productive operation and development work. In the statistics on producing enterprises that part of the expenses for salaries, wages, contract work, supplies and materials, fuel, and power which was credited by the mine operators to development work is shown as expenditures for development work. In the statistics for nonproducing enterprises the total of all these expenses is given as expenditure for development work.

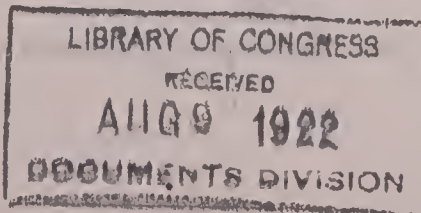
Value of products.—The amounts given under this heading represent the selling value at point of production or f. o. b. at point of shipment, or such other value as may represent the net value or amount received for the product mined in 1919 under the terms by which it was disposed of, and includes the value at point of production of products used by the operating company.

Cost of mining and profits.—The census data do not show the entire cost of mining and well operations, and consequently can not be used for the calculation of profits. No account has been taken of depreciation or interest; rent of offices and buildings other than mines, quarries, and wells; insurance, selling, and other sundry expenses.

Lands controlled.—The inquiry on land tenure was confined to land pertaining to the mining or well operations covered by the report. In many of these, however, land held in reserve for future development and for speculative or other purposes not pertaining to mining was included in the returns, and also a large number of more or less unsatisfactory estimates were included. Nevertheless, it is believed that the data presented reflect fairly the conditions as to land tenure in the mining industries, and correctly show the order of magnitude of land holdings pertaining to mining enterprises.

Power used.—The item, aggregate horsepower, represents the horsepower of prime movers used by the enterprises for generating power plus horsepower of motors, principally electric, and other equipment operated by power purchased from other concerns. It does not cover the power of electric motors taking their current from primary power generators operated by the same enterprise (such equipment is reported separately), because its inclusion would obviously result in duplication. The figures on power represent the rated capacity of the engines, motors, etc., and not the amount of power in actual daily use.

Fuel.—Statistics of the quantity of fuel used are shown only for anthracite and bituminous coal, coke, wood, oil, and gas. They relate to the quantity used during the year, which may be more or less than the quantity purchased. As only the principal varieties of fuel are shown, no comparison can be made with the total cost of all fuel.



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MARYLAND.

GENERAL STATISTICS.

General character of the state.—Maryland has a gross area of 12,327 square miles, of which 9,941 represent land surface. The inhabitants of the state in 1900 numbered 1,188,044; in 1910, 1,295,346; and in 1920, 1,449,661. The number of inhabitants per square mile in 1910 was 130.3, the corresponding figure for 1920 being 145.8.

In 1920 there were five cities in the state—Annapolis, Baltimore, Cumberland, Frederick, and Hagerstown—having more than 10,000 inhabitants. The combined population of these five cities in that year was 814,007, which formed 56.2 per cent of the total for Maryland, and in 1919 these cities reported 82.3 per cent of the value of the state's manufactured products.

Importance and growth of manufactures (Table 1).—The large increases in salaries and wages, cost of materials, and value of products, from 1914 to 1919, as presented in Table 1, are largely due to the change in industrial conditions brought about by the World War, and therefore can not properly be used to measure the growth of manufactures during the census period 1914 to 1919. The increases shown, however, in the number of wage earners and horsepower are indicative of a decided growth in the manufacturing activities of the state. The addition of the Federal income tax since 1914 will account for the large increase in "Rent and taxes."

Statistics for the state, by counties (Table 2).—Figures are not available for comparison of county totals for 1919 with those of prior censuses. Although Baltimore is an independent city and not a part of any county, it is included in this table in order to show the complete statistics for the state. This city alone reported 69.7 per cent of the average number of wage earners, and 77.6 per cent of the total value of products for the state.

Principal industries, ranked by value of products (Table 3).—The ranking of industries by value of products is not always satisfactory as indicating their importance from a manufacturing standpoint. Their ranking in many instances would change materially if based upon the average number of wage earners or value added by manufacture.

Persons engaged in manufacturing industries (Table 4).—The age classification of the average number of wage earners in this and other tables is an estimate obtained by the method described in the "Explanation of terms." The classification by sex, for 1919, was reported separately, but for 1914 and 1909 was

obtained in the same manner as the distribution by age. Figures for individual industries will be found in Table 32.

Average number of wage earners for selected industries (Table 5).—The industries covered by this table are those which employed more than 1,000 wage earners in 1919, and for which statistics can be shown without the possibility of disclosing the operations of individual establishments.

Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more (Table 6).—General increases are shown from 1914 to 1919 in practically all of the details for the cities included in this table. Statistics for Annapolis were not shown separately until 1919 and therefore comparative figures are not available.

Wage earners, by months (Table 7).—The statistics for wage earners in this table are intended to show the steadiness of employment, or the reverse, in accordance with the industrial conditions existing during the several census years.

Wage earners, by months, for selected industries and for cities (Table 8).—In addition to the number of wage earners employed by months for selected industries, similar data are given for males and females for all industries combined, for the state and for cities of 10,000 inhabitants or more. This table also includes selected industries showing a large proportion of female wage earners. The five cities combined reported 76.2 per cent of all wage earners employed during 1919.

Prevailing hours of labor (Table 9).—Since 1914 there has been a marked shortening of the working-day in Maryland. In that year 13.1 per cent of the wage earners were included in the group "48 and under," as against 49.6 per cent in 1919. In 1914 the "60" and "Over 60" groups constituted 34.2 per cent of the total wage earners, as compared with 8.8 per cent in 1919.

Size of establishments, by average number of wage earners, for selected industries and for cities (Table 10).—The predominance of the number of small establishments, when based on the number of wage earners employed, is evidenced in this table by the fact that of the total number of establishments in the state, 95.3 per cent were in the several classes having fewer than 101 wage earners, while such establishments employed 32.8 per cent of the total number of wage earners. On the other hand, the establishments employing an average of

more than 100 wage earners represented only 4.7 per cent of the total number of manufacturing establishments in the state, but reported 67.2 per cent of the total number of wage earners.

Size of establishments, by value of products (Table 11).—At the censuses of 1909 and 1914 establishments with products valued at "\$100,000 to \$1,000,000" constituted one group, but at the census of 1919 this group was subdivided into "\$100,000 to \$500,000" and "\$500,000 to \$1,000,000." Separate figures for the number of establishments and value of products have been compiled, however, from the returns for 1914. This table, therefore, gives combined figures for these two groups for all items for 1909, and in the case of average number of wage earners and value added by manufacture for 1914.

Size of establishments, by value of products, for selected industries (Table 12).—In the preparation of this table it was necessary in several instances to combine the establishments of one group of the industry with those of some other group of that industry to avoid the possibility of disclosing the operations of individual establishments.

Size of establishments, by value of products, for cities of 10,000 inhabitants or more (Table 13).—This table strikingly illustrates the fact that the number of establishments of itself is no real index of manufacturing activities.

Character of ownership (Table 14).—The preponderance of corporate ownership is clearly brought out in this table. Although corporations owned but 24.5 per cent of the number of establishments in the state in 1919, they reported 79 per cent of the average number of wage earners and 80.9 per cent of the total value of products. During the five-year period 1914 to 1919 the average number of wage earners in corporations increased 42,476, or 62.1 per cent, and the value of products, \$442,550,892, or 167.1 per cent.

Manufactures, by population groups, in cities of 10,000 inhabitants or more (Table 15).—This table shows that the combined number of establishments in the five cities in 1919 represented 62.6 per cent of the total in the state. They reported in that year 76.2 per cent of the average number of wage earners and 82.3 per cent of the total value of products.

Principal industries in the city of Baltimore, with per cent of total for state (Table 16).—This table includes all industries in Baltimore city having products of \$1,000,000 and over, the figures being given for those which can be shown without disclosing the operations of individual establishments.

It is deemed of first importance to present the statistics of the state as a whole for all industries which can be shown without disclosing the operations of individual establishments. In so doing it sometimes happens that quite important industries can not be shown in the city, since to do so might disclose the operations of establishments located outside by the simple deductions of the totals shown for the industry in the city from those given in the detailed state table.

Number and horsepower of types of prime movers (Table 17).—The total horsepower reported in 1919, as compared with that for 1914, shows an increase of 143,015 horsepower, or 54.2 per cent. This increase, however, is chiefly due to the gain of 111,365 horsepower, or 254.3 per cent, in rented power. The owned power increased 31,650 horsepower, or 14.4 per cent, during the five-year period.

Fuel consumed (Table 18).—This table shows the principal kinds of fuel used by the manufacturing plants in the state in 1919 and 1914 and gives separately for 1919 the amounts consumed by a number of important industries which use considerable quantities of fuel. There was a decided increase in the quantities of each of the several kinds of fuel used in 1919, as compared with 1914, except in anthracite coal, which decreased 48.9 per cent.

MANUFACTURES—MARYLAND.

5

TABLE 1.—COMPARATIVE SUMMARY: 1919, 1914, 1909, 1904, AND 1899.

	MANUFACTURING INDUSTRIES.					PER CENT OF INCREASE. ¹			
	1919	1914	1909	1904	1899	1914-1919	1909-1914	1904-1909	1899-1904
Number of establishments.....	4,937	4,797	4,837	3,852	3,886	2.9	-0.8	25.6	-0.9
Persons engaged.....	165,875	131,391	125,489	107,303	(²)	26.2	4.7	16.9	.....
Proprietors and firm members.....	5,129	5,005	5,376	4,505	(²)	2.5	-6.9	19.3	.....
Salaried employees.....	20,404	14,801	12,192	8,624	6,741	37.9	21.4	41.4	27.9
Wage earners (average number).....	140,342	111,585	107,921	94,174	94,170	25.8	3.4	14.6	(³)
Primary horsepower.....	406,768	263,753	218,244	165,449	132,052	54.2	20.8	31.9	25.3
Capital.....	\$619,606,983	\$293,210,925	\$251,226,828	\$201,877,966	\$149,155,313	111.3	16.7	24.4	35.3
Salaries and wages.....	189,870,552	71,801,109	59,052,718	44,988,240	37,259,517	164.4	21.6	31.3	14.6
Salaries.....	42,004,007	18,008,770	13,616,889	8,843,996	6,845,088	133.2	32.2	54.0	29.2
Wages.....	147,866,545	53,792,339	45,435,829	36,144,244	32,414,429	174.9	18.4	25.7	11.5
Paid for contract work.....	8,150,474	3,223,268	3,278,207	2,543,602	(²)	152.9	-1.7	28.9	.....
Rent and taxes.....	24,002,017	11,476,901	8,783,915	4,203,099	(²)	109.1	30.7	.....	.....
Cost of materials.....	549,347,379	238,971,973	199,048,905	150,024,066	129,354,412	129.9	20.1	32.7	16.0
Value of products.....	873,944,774	377,749,078	315,669,150	243,375,996	211,076,143	131.4	19.7	29.7	15.3
Value added by manufacture ⁵	324,597,395	138,777,105	116,620,245	93,351,930	81,721,731	133.9	19.0	24.9	14.2

¹ A minus sign (—) denotes decrease.² Figures not available³ Less than one-tenth of 1 per cent.⁴ Exclusive of internal revenue.⁵ Value of products less cost of materials.

TABLE 2.—STATISTICS FOR THE STATE, BY COUNTIES: 1919.

COUNTY.	Number of establishments.	WAGE EARNERS.		Rent and taxes.	Cost of materials.	Value of products.	Value added by manufacture.	Primary horsepower.
		Average number.	Wages.					
The state.....	4,937	140,342	\$147,866,545	\$24,002,017	\$549,347,379	\$873,944,774	\$324,597,395	406,768
Allegany.....	144	5,990	7,228,503	563,523	14,073,886	25,512,139	11,438,253	30,013
Anne Arundel.....	53	1,863	2,070,996	128,052	3,577,061	6,945,472	3,368,411	3,560
Baltimore.....	117	13,391	18,328,771	748,843	38,701,507	62,865,555	24,164,048	109,896
Baltimore city ¹	2,797	97,814	103,129,096	21,025,144	427,755,804	677,878,492	250,122,688	184,885
Calvert.....	17	222	256,665	17,423	361,971	739,617	377,646	320
Caroline.....	110	789	342,138	20,948	2,044,382	2,644,386	600,004	2,660
Carroll.....	135	1,418	1,395,997	206,379	6,820,143	9,920,336	3,100,193	6,541
Cecil.....	87	1,281	1,354,322	96,905	4,315,116	6,715,764	2,400,648	5,656
Charles.....	29	116	72,506	1,875	182,996	314,612	131,616	553
Dorchester.....	116	1,530	696,950	59,368	3,957,988	5,449,236	1,491,248	3,201
Fredrick.....	193	2,723	2,385,116	190,713	9,189,866	14,042,972	4,853,106	8,268
Garrett.....	58	305	298,961	23,865	555,672	1,266,767	711,095	2,138
Harford.....	167	1,085	699,264	73,099	2,257,958	3,693,374	1,435,416	4,891
Howard.....	20	782	667,580	204,994	6,039,274	8,315,802	2,276,528	5,051
Kent.....	45	294	147,047	13,119	867,542	1,234,439	366,897	1,548
Montgomery.....	66	174	185,336	10,092	1,024,448	1,432,354	407,906	1,739
Prince Georges.....	67	264	449,037	10,818	640,515	1,105,412	464,897	746
Queen Annes.....	44	345	169,053	9,724	703,751	1,156,655	452,904	1,102
St. Marys.....	45	125	62,854	2,011	225,616	366,685	141,069	797
Somerset.....	98	936	441,540	18,461	1,787,670	2,494,320	706,650	3,828
Talbot.....	91	964	487,843	69,707	1,904,659	3,047,645	1,142,986	2,927
Washington.....	191	5,090	5,027,208	394,268	15,677,719	25,866,361	10,188,642	16,871
Wicomico.....	143	2,044	1,465,037	87,331	5,011,582	8,314,262	3,302,680	6,308
Worcester.....	104	797	504,725	25,355	1,670,253	2,622,117	951,864	3,269

¹ An independent city, included to complete the statistics for the state.

MANUFACTURES—MARYLAND.

TABLE 3.—PRINCIPAL INDUSTRIES, RANKED BY VALUE OF PRODUCTS: 1919.

INDUSTRY.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.		INDUSTRY.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
		Average number.	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.			Average number.	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.
All industries.....	4,937	140,342	100.0	\$873,945	100.0	\$324,597	100.0	Coffee and spice, roasting and grinding.....	15	203	0.1	\$5,884	0.7	\$1,193	0.4
Shipbuilding, steel.....	4	17,212	12.3	60,844	7.0	32,554	10.0	Chemicals.....	8	797	0.6	5,277	0.6	2,079	0.6
Clothing, men's.....	284	9,256	6.6	60,414	6.9	29,405	9.1	Brass, bronze, and copper products.....	20	926	0.7	5,058	0.6	2,062	0.6
Slaughtering and meat packing.....	47	1,563	1.1	41,439	4.8	7,919	2.4	Automobile repairing.....	212	1,101	0.8	4,874	0.6	2,505	0.8
Fertilizers.....	45	3,102	2.2	37,014	4.2	12,319	3.8	Hats, straw.....	7	1,385	1.0	4,719	0.5	2,744	0.8
Canning and preserving, fruits and vegetables.....	406	7,645	5.4	28,422	3.3	7,761	2.4	Boots and shoes.....	13	986	0.7	4,662	0.5	1,555	0.5
Tinware, not elsewhere specified.....	28	4,233	3.0	25,454	2.9	6,654	2.0	Lumber and timber products.....	393	1,844	1.3	4,624	0.5	2,985	0.9
Cars and general shop construction and repairs by steam-railroad companies.....	17	8,363	6.0	22,837	2.6	13,339	4.1	Glass.....	8	1,755	1.3	4,032	0.5	2,993	0.9
Bread and other bakery products.....	424	2,381	1.7	20,434	2.3	7,596	2.3	Structural ironwork, not made in steel works or rolling mills.....	12	623	0.4	3,808	0.4	2,015	0.6
Iron and steel, steel works and rolling mills.....	5	4,944	3.5	13,884	2.3	4,864	1.5	Brushes.....	9	771	0.5	3,509	0.4	1,615	0.5
Flour-mill and gristmill products.....	247	478	0.3	19,004	2.2	2,647	0.8	Paints.....	14	258	0.2	3,377	0.4	983	0.3
Cotton goods.....	14	3,116	2.4	18,455	2.1	7,027	2.2	Brick and tile, terra-cotta, and fire-clay products.....	30	1,207	0.9	3,207	0.4	2,095	0.6
Confectionery and ice cream.....	170	3,008	2.1	17,995	2.1	6,659	2.1	Bags, other than paper, not including bags made in textile mills.....	12	183	0.1	3,133	0.4	407	0.1
Foundry and machine-shop products.....	133	4,081	2.9	15,721	1.8	10,161	3.1	Lithographing.....	6	542	0.4	3,124	0.4	1,859	0.6
Furnishing goods, men's.....	21	4,075	2.9	14,596	1.7	6,299	1.9	Oil, not elsewhere specified.....	6	118	0.1	3,123	0.4	781	0.2
Clothing, women's.....	125	2,822	2.0	13,884	1.6	6,126	1.9	Umbrellas and canes.....	8	377	0.3	2,730	0.3	927	0.3
Stamped and enameled ware, not elsewhere specified.....	7	3,486	2.5	13,075	1.5	6,354	2.0	Lee, manufactured.....	61	632	0.5	2,717	0.3	1,741	0.5
Shirts.....	47	2,486	1.8	12,175	1.4	3,976	1.2	Knit goods.....	7	749	0.5	2,687	0.3	915	0.3
Printing and publishing, book and job.....	210	2,243	1.6	10,691	1.2	6,625	2.0	Copper, tin, and sheet-iron work.....	73	444	0.3	2,107	0.2	1,161	0.4
Paper and wood pulp.....	10	1,408	1.0	9,917	1.1	3,101	1.0	Marble and stone work.....	83	563	0.4	1,968	0.2	1,165	0.4
Printing and publishing, newspapers and periodicals.....	142	1,397	1.0	9,364	1.1	5,861	1.8	Cars and general shop construction and repairs by electric-railroad companies.....	6	927	0.7	1,904	0.2	1,258	0.4
Food preparations, not elsewhere specified.....	33	421	0.3	9,141	1.0	2,256	0.7	Sausage, not made in slaughtering and meat-packing establishments.....	25	101	0.1	1,789	0.2	361	0.1
Patent medicines and compounds.....	55	699	0.5	8,878	1.0	4,092	1.3	Mineral and soda waters.....	63	223	0.2	1,785	0.2	827	0.3
Tobacco, cigars and cigarettes.....	146	2,548	1.8	8,190	0.9	4,640	1.4	Condensed milk.....	5	79	0.1	1,584	0.2	303	0.1
Lumber, planing-mill products, not including planing mills connected with sawmills.....	65	1,179	0.8	7,509	0.9	3,093	1.0	Mattresses and spring beds, not elsewhere specified.....	20	243	0.2	1,574	0.2	767	0.2
Furniture.....	47	1,645	1.2	6,828	0.8	3,837	1.2	Woolen goods.....	3	207	0.1	1,541	0.2	657	0.2
Boxes, wooden packing, except cigar boxes.....	39	1,972	1.4	6,504	0.7	2,854	0.9	Silk goods.....	6	839	0.6	1,534	0.2	826	0.3
Shipbuilding, wooden, including boat building.....	38	1,872	1.3	6,466	0.7	3,755	1.2	Paving materials.....	31	693	0.5	1,483	0.2	1,042	0.3
Gas, illuminating and heating.....	16	875	0.6	6,448	0.7	3,500	1.1	Cooperage.....	29	173	0.1	1,414	0.2	817	0.3
Druggists' preparations.....	13	696	0.5	6,407	0.7	3,045	0.9	Gas machines and gas and water meters.....	4	255	0.2	1,350	0.2	874	0.3
Liquors, malt.....	8	597	0.4	6,374	0.7	4,801	1.5	Stoves and hot-air furnaces.....	6	329	0.2	1,251	0.1	703	0.2
Leather, tanned, curried, and finished.....	7	517	0.4	6,263	0.7	1,907	0.6	Baking powders and yeast.....	7	169	0.1	1,196	0.1	437	0.1
Boxes, paper and other, not elsewhere specified.....	23	1,898	1.4	6,234	0.7	2,828	0.9	Poultry, killing and dressing, not done in slaughtering and meat-packing establishments.....	12	41	(1)	1,139	0.1	131	(1)
								Fickles, preserves, and sauces.....	26	123	0.1	1,093	0.1	324	0.1
								Lime.....	36	468	0.3	1,049	0.1	498	0.2
								Automobile bodies and parts.....	35	233	0.2	1,034	0.1	597	0.2
								All other industries.....	742	17,257	12.3	219,684	25.1	52,450	16.2

¹ Less than one-tenth of 1 per cent.² Among the industries for which statistics can not be shown separately without the possibility of disclosing the operations of individual establishments are 17 having products in excess of some for which figures are shown in the table. These industries are as follows: "Ammunition"; "Babbitt metal and solder"; "bags, paper, exclusive of those made in paper mills"; "cars, steam-railroad, not including operations of railroad companies"; "cement"; "coke, not including gas-house coke"; "cordage and twine"; "cordials and flavoring sirups"; "drug grinding"; "engines, steam, gas, and water"; "iron and steel, blast furnaces"; "iron and steel, cast-iron pipe"; "liquors, distilled"; "musical instruments, pianos"; "petroleum, refining"; "smelting and refining, copper"; and "tobacco, smoking, and snuff."

TABLE 4.—PERSONS ENGAGED IN MANUFACTURING INDUSTRIES: 1919, 1914, AND 1909.

CLASS.	Census year.	Total.	Male.	Female.	PER CENT OF TOTAL.		CLASS.	Census year.	Total.	Male.	Female.	PER CENT OF TOTAL.	
					Male.	Female.						Male.	Female.
All classes.....	1919	165,875	125,616	40,259	75.7	24.3	Clerks and other subordinate salaried employees.....	1919	14,649	10,161	4,488	69.4	30.6
	1914	131,391	95,356	36,035	72.6	27.4		1914	11,342	8,861	2,481	78.1	21.9
	1909	125,489	91,239	34,250	72.7	27.3		1909	8,994	7,345	1,649	81.7	18.3
Proprietors and officials.....	1919	10,854	10,478	406	96.3	3.7	Wage earners (average number).....	1919	140,342	104,977	35,365	74.8	25.2
	1914	8,464	8,191	273	96.8	3.2		1914	111,585	78,304	33,281	70.2	29.8
	1909	8,574	8,321	253	97.0	3.0		1909	107,921	75,573	32,348	70.0	30.0
Proprietors and firm members.....	1919	5,129	4,993	136	97.3	2.7	16 years of age and over.....	1919	138,173	103,818	34,355	75.1	24.9
	1914	5,005	4,834	171	96.6	3.4		1914	107,911	76,262	31,649	70.7	29.3
	1909	5,376	5,220	156	97.1	2.9		1909	101,373	72,416	28,957	71.4	28.6
Salaried officers of corporations.....	1919	1,875	1,820	55	97.1	2.9	Under 16 years of age.....	1919	2,169	1,159	1,010	53.4	46.6
	1914	1,508	1,471	37	97.5	2.5		1914	3,674	2,042	1,632	55.6	44.4
	1909	1,317	1,294	23	98.3	1.7		1909	6,548	3,157	3,391	48.2	51.8
Superintendents and managers.....	1919	3,880	3,665	215	94.5	5.5							
	1914	1,951	1,886	65	96.7	3.3							
	1909	1,881	1,807	74	96.1	3.9							

MANUFACTURES—MARYLAND.

7

TABLE 5.—AVERAGE NUMBER OF WAGE EARNERS FOR SELECTED INDUSTRIES, WITH PER CENT, BY SEX AND AGE: 1919 AND 1914.

INDUSTRY.	Cen- sus year.	Wage earners (aver- age num- ber).	PER CENT OF TOTAL.			INDUSTRY.	Cen- sus year.	Wage earners (aver- age num- ber).	PER CENT OF TOTAL.		
			16 years of age and over.		Un- der 16 years of age.				16 years of age and over.		Un- der 16 years of age.
			Male.	Fe- male.					Male.	Fe- male.	
All industries.....	1919	140,342	74.0	24.5	1.5	Glass.....	1919	1,755	83.3	14.5	2.2
	1914	111,585	68.3	28.4	3.3		1914	1,184	81.3	6.8	11.8
	1909	107,921	67.1	26.8	6.1	Hats, straw.....	1919	1,385	35.8	63.1	1.1
Automobile repairing.....	1919	1,101	99.5	0.3	0.3		1914	2,173	37.0	58.0	4.9
	1914	95	98.9	.....	1.1	Iron and steel, steel works and rolling mills ³	1919	4,944	98.4	1.6	.....
Boxes, paper and other, not elsewhere speci- fied.....	1919	1,898	48.8	41.5	9.6	Lumber and timber products.....	1919	1,844	99.2	0.1	0.7
	1914	905	38.7	52.3	9.1		1914	2,616	99.9	.....	0.1
Boxes, wooden packing, except cigar boxes..	1919	1,972	84.7	10.9	4.5	Lumber, planing-mill products, not includ- ing planing mills connected with sawmills.	1919	1,179	95.2	4.0	0.8
	1914	1,883	90.3	3.7	6.1		1914	1,517	98.4	.....	1.6
Bread and other bakery products.....	1919	2,381	75.2	24.2	0.6	Paper and wood pulp.....	1919	1,408	93.3	6.7	.....
	1914	2,038	81.0	12.9	3.2		1914	1,586	90.5	9.3	0.1
Brick and tile, terra-cotta, and fire-clay products.....	1919	1,207	97.8	.....	2.2	Printing and publishing, book and job.....	1919	2,243	77.6	20.6	1.8
	1914	1,721	98.5	.....	1.5		1914	2,284	83.1	14.9	2.0
Canning and preserving, fruits and vege- tables.....	1919	7,645	39.0	59.3	1.7	Printing and publishing, newspapers and periodicals.....	1919	1,397	90.5	7.7	1.9
	1914	8,354	34.2	59.4	6.4		1914	1,136	89.0	7.5	3.5
Cars and general shop construction and re- pairs by steam-railroad companies.....	1919	8,363	98.0	2.0	.....	Shipbuilding, steel.....	1919	17,212	100.0	(⁴)	.....
	1914	5,969	99.5	0.4	0.1		1914	2,039	99.4	0.3	0.3
Clothing, men's.....	1919	9,256	53.2	45.5	1.4	Shipbuilding, wooden, including boat build- ing.....	1919	1,872	99.8	.....	0.2
	1914	12,909	47.0	50.3	2.6		1914	429	99.8	.....	0.2
Clothing, women's.....	1919	2,822	19.5	79.8	0.7	Shirts.....	1919	2,486	12.1	85.4	2.5
	1914	3,026	26.1	73.0	0.9		1914	5,153	16.1	79.9	4.0
Confectionery and ice cream ¹	1919	3,008	40.7	56.8	2.5	Slaughtering and meat packing.....	1919	1,563	88.4	11.2	0.4
	1914	1,707	46.4	44.5	9.1		1914	1,221	99.1	0.6	0.3
Cotton goods.....	1919	3,416	50.1	48.7	1.2	Stamped and enameled ware, not elsewhere specified.....	1919	3,486	79.2	17.4	3.4
	1914	3,424	50.1	43.0	6.9		1914	4,155	72.0	17.9	10.1
Fertilizers.....	1919	3,102	98.6	1.4	.....	Tinware, not elsewhere specified.....	1919	4,233	65.8	30.8	3.5
	1914	1,991	99.5	0.5	.....		1914	3,072	80.3	15.8	3.9
Foundry and machine-shop products ²	1919	4,138	94.6	5.3	0.1	Tobacco, cigars and cigarettes.....	1919	2,548	25.9	74.1	(⁴)
	1914	2,668	99.6	0.2	0.2		1914	3,212	32.7	66.6	0.7
Furnishing goods, men's.....	1919	4,075	10.2	84.1	5.6	All other industries.....	1919	34,758	79.3	18.6	2.0
	1914	561	19.4	75.6	5.0		1914	30,59	80.5	16.6	3.0
Furniture.....	1919	1,645	94.5	3.5	1.9						
	1914	1,998	98.9	0.6	0.6						

¹ Includes "chewing gum" in 1914.² Includes "iron and steel, welding."³ Not shown separately in 1914.⁴ Less than one-tenth of 1 per cent.

TABLE 6.—AVERAGE NUMBER OF WAGE EARNERS, BY SEX AND AGE, AND VALUE OF PRODUCTS FOR CITIES OF 10,000 INHABITANTS OR MORE: 1919, 1914, AND 1909.

CITY.	AVERAGE NUMBER OF WAGE EARNERS IN MANUFACTURING INDUSTRIES.											VALUE OF PRODUCTS.			
	Total.			16 years of age and over.						Under 16 years of age.					
				Male.			Female.								
				1919	1914	1909	1919	1914	1909	1919	1914	1909	1919	1914	1909
Annapolis.....	95			78			16			1			\$369,114		
Baltimore.....	97,814	73,769	71,444	68,906	45,503	44,258	27,267	25,733	22,875	1,641	2,533	4,311	677,878,492	\$215,171,530	\$186,977,710
Cumberland.....	3,753	2,817	1,936	3,181	2,416	1,578	498	278	225	74	123	133	15,842,210	7,112,609	4,534,077
Frederick.....	1,308	1,146	1,026	1,025	854	762	281	278	166	2	14	98	7,141,204	3,167,237	2,910,943
Hagerstown.....	4,029	3,574	1,718	3,149	2,737	978	814	754	625	66	83	115	17,662,575	7,412,397	3,197,242

MANUFACTURES—MARYLAND.

TABLE 7.—WAGE EARNERS, BY MONTHS: 1919, 1914, AND 1909.

MONTH.	NUMBER. ¹			PER CENT OF MAXIMUM.			MONTH.	NUMBER. ¹			PER CENT OF MAXIMUM.		
	1919	1914	1909	1919	1914	1909		1919	1914	1909	1919	1914	1909
January.....	140,053	106,837	95,070	87.2	79.5	71.3	July.....	137,456	107,202	105,116	85.6	79.7	78.9
February.....	135,797	106,899	97,225	84.6	79.5	73.0	August.....	144,217	123,844	124,505	89.8	92.1	93.4
March.....	131,774	108,456	99,541	82.1	80.7	74.7	September.....	160,313	134,437	133,268	99.8	100.0	100.0
April.....	<i>129,128</i>	110,167	100,753	80.4	81.9	75.6	October.....	160,567	118,633	118,475	100.0	88.2	88.9
May.....	130,161	110,968	103,000	81.1	82.5	77.3	November.....	141,261	101,335	106,932	88.0	75.4	80.2
June.....	133,609	110,879	105,652	83.2	82.5	79.3	December.....	139,768	<i>99,363</i>	105,514	87.0	73.9	79.2

¹ The figures represent the number employed on the 15th of each month or the nearest representative day. Maximum number indicated by **bold-faced** figures, minimum by *italic* figures.

TABLE 8.—WAGE EARNERS, BY MONTHS, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919.

[The month of maximum employment for each industry is indicated by **bold-faced** figures and that of minimum employment by *italic* figures.]

INDUSTRY AND CITY.	Average number employed during year.	NUMBER EMPLOYED ON 15TH DAY OF THE MONTH OR NEAREST REPRESENTATIVE DAY.												Per cent minimum is of maximum.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
All industries.....	140,342	140,053	135,797	131,774	129,128	130,161	133,609	137,456	144,217	160,313	160,567	141,261	139,768	80.4
Males.....	104,977	107,870	104,116	101,565	99,263	99,879	101,929	104,280	109,517	112,313	108,494	105,622	104,876	88.4
Females.....	35,365	32,183	31,681	30,209	29,865	30,282	31,680	33,176	34,700	48,000	52,073	35,639	34,892	57.4
Automobile repairing.....	1,101	995	1,020	1,029	1,050	1,067	1,075	1,151	1,136	1,148	1,171	1,169	1,201	82.8
Boxes, paper and other, not elsewhere specified....	1,898	2,070	1,649	1,672	1,581	1,619	1,639	1,620	1,814	2,279	2,458	2,334	2,141	62.6
Boxes, wooden packing, except cigar boxes.....	1,972	2,037	1,929	1,897	1,961	2,012	1,996	2,157	2,056	1,862	1,886	1,889	1,982	86.3
Bread and other bakery products.....	2,381	2,240	2,238	2,239	2,286	2,307	2,366	2,396	2,386	2,506	2,531	2,530	2,547	87.9
Brick and tile, terra-cotta, and fire-clay products...	1,207	943	981	978	1,034	1,270	1,275	1,275	1,400	1,370	1,383	1,343	1,232	67.4
Canning and preserving, fruits and vegetables.....	7,645	1,360	1,420	1,590	2,010	2,841	5,672	5,390	13,393	26,827	25,519	3,765	1,953	5.1
Cars and general shop construction and repairs by steam-railroad companies.....	8,363	8,667	8,803	8,154	8,169	8,132	7,969	8,247	8,384	8,393	8,519	8,515	8,404	90.5
Clothing, men's.....	9,256	8,940	8,668	8,582	8,509	8,619	8,762	9,117	9,295	9,597	9,895	10,207	10,881	78.2
Clothing, women's.....	2,822	2,445	2,492	2,626	2,628	2,627	2,832	2,895	3,020	3,114	3,106	3,031	3,048	78.5
Confectionery and ice cream.....	3,008	2,656	2,748	2,877	2,888	2,896	2,565	2,558	2,668	3,339	3,404	3,770	3,727	67.9
Cotton goods.....	3,416	3,579	3,621	3,449	3,363	3,332	3,310	3,379	3,388	3,408	3,370	3,357	3,436	91.4
Fertilizers.....	3,102	3,032	3,176	3,701	3,647	3,243	2,924	2,817	3,087	3,218	2,863	2,668	2,848	72.1
Foundry and machine-shop products.....	4,081	4,984	3,994	3,915	3,926	3,959	3,832	4,029	3,953	3,915	3,993	4,153	4,319	76.9
Furnishing goods, men's.....	4,075	4,196	4,190	4,146	4,074	4,068	4,083	3,980	3,975	3,923	4,019	4,004	4,242	92.5
Furniture.....	1,645	1,453	1,455	1,527	1,582	1,595	1,617	1,655	1,684	1,686	1,799	1,834	1,853	78.4
Glass.....	1,755	1,609	1,656	1,713	1,866	1,784	1,875	1,749	1,252	1,833	1,878	1,943	1,902	64.4
Hats, straw.....	1,385	1,312	1,370	1,460	1,439	1,451	1,423	1,236	1,274	1,450	1,358	1,418	1,429	84.7
Iron and steel, steel works and rolling mills.....	4,944	5,584	5,725	5,253	4,283	4,021	4,236	4,786	4,813	4,893	5,225	5,266	5,243	70.2
Lumber and timber products.....	1,844	1,702	1,715	1,882	1,804	1,704	1,563	1,481	1,450	1,564	2,098	2,451	2,714	53.4
Lumber, planing-mill products, not including planing mills connected with sawmills.....	1,179	1,050	1,063	1,075	1,113	1,160	1,222	1,202	1,225	1,255	1,255	1,270	1,258	82.7
Paper and wood pulp.....	1,408	1,586	626	623	982	1,363	1,462	1,588	1,625	1,716	1,807	1,788	1,730	34.5
Printing and publishing, book and job.....	2,243	2,221	2,191	2,202	2,183	2,183	2,183	2,203	2,249	2,261	2,278	2,351	2,411	90.5
Printing and publishing, newspapers and periodicals	1,397	1,361	1,384	1,378	1,386	1,390	1,395	1,405	1,402	1,409	1,415	1,417	1,422	95.7
Shipbuilding, steel.....	17,212	16,800	17,315	17,975	18,178	17,714	17,545	18,104	16,127	16,413	16,668	17,347	16,358	88.7
Shipbuilding, wooden, including boat building.....	1,872	2,610	2,598	2,457	1,873	1,782	1,682	1,574	1,499	1,519	1,598	1,529	1,743	57.4
Shirts.....	2,486	1,969	1,956	2,006	1,883	1,885	1,865	2,781	2,842	2,835	3,155	3,298	3,357	55.6
Slaughtering and meat packing.....	1,563	1,497	1,462	1,475	1,485	1,507	1,518	1,545	1,575	1,584	1,670	1,703	1,735	84.3
Stamped and enameled ware, not elsewhere specified.....	3,486	2,933	3,201	3,567	3,431	3,308	3,278	3,337	3,473	3,696	3,733	3,871	4,004	73.3
Tinware, not elsewhere specified.....	4,233	3,546	3,706	3,697	3,819	4,104	4,783	5,306	5,355	4,790	4,094	3,864	3,732	66.2
Tobacco, cigars and cigarettes.....	2,548	2,769	2,855	2,653	2,670	2,288	2,100	2,092	2,364	2,558	2,626	2,774	2,827	73.3
All other industries.....	34,815	41,907	38,590	33,976	32,025	32,930	33,662	34,401	34,053	33,952	33,793	34,402	34,089	76.4
Industries showing large proportions of females.														
Boxes, paper and other, not elsewhere specified....	890	948	788	847	791	804	729	756	806	1,081	1,072	1,085	973	67.2
Bread and other bakery products.....	579	570	567	559	552	549	581	585	585	607	602	595	596	90.4
Canning and preserving, fruits and vegetables.....	4,598	600	696	800	1,037	1,742	2,967	3,349	4,367	16,383	19,875	2,338	1,022	3.0
Clothing, men's.....	4,308	4,055	3,947	3,904	3,889	3,937	4,053	4,230	4,326	4,543	4,714	4,887	5,211	74.6
Clothing, women's.....	2,270	2,009	2,029	2,095	2,104	2,082	2,273	2,287	2,365	2,460	2,487	2,498	2,551	78.8
Confectionery and ice cream.....	1,763	1,569	1,630	1,709	1,671	1,634	1,326	1,312	1,432	1,916	2,057	2,454	2,446	53.5
Cotton goods.....	1,680	1,833	1,830	1,689	1,662	1,622	1,610	1,657	1,646	1,666	1,642	1,636	1,667	87.8
Furnishing goods, men's.....	3,629	3,740	3,776	3,748	3,665	3,646	3,641	3,536	3,493	3,455	3,549	3,536	3,763	91.5
Hats, straw.....	886	851	896	964	943	944	913	743	766	916	856	920	920	77.1
Shirts.....	2,166	1,748	1,742	1,788	1,679	1,678	1,663	2,404	2,437	2,414	2,715	2,846	2,888	57.2
Stamped and enameled ware, not elsewhere specified.....	689	572	693	816	740	663	608	647	693	718	694	718	706	70.1
Tinware, not elsewhere specified.....	1,333	1,106	1,147	1,139	1,152	1,284	1,576	1,727	1,661	1,533	1,340	1,227	1,104	63.9
Tobacco, cigars and cigarettes.....	1,888	2,083	2,167	1,999	2,007	1,657	1,490	1,493	1,746	1,835	1,945	2,074	2,110	68.8
Total for cities.....	106,999	113,353	108,770	104,212	101,474	102,388	103,310	106,845	107,620	110,127	109,176	108,601	108,112	89.5
Males.....	77,229	83,839	79,651	76,518	74,293	74,713	75,352	77,596	76,051	77,512	77,325	77,194	76,704	88.6
Females.....	29,770	29,514	29,119	27,694	27,181	27,675	27,958	29,249	31,569	32,615	31,851	31,407	31,408	83.3
ANNAPOLIS.....	95	77	80	80	125	84	97	88	117	120	114	80	78	61.6
Males.....	79	69	72	72	99	76	89	79	90	84	78	71	69	69.7
Females.....	16	8	8	8	26	8	8	9	27	36	36	9	9	22.2
BALTIMORE.....	97,814	104,473	100,338	95,769	92,846	93,845	94,539	97,505	97,565	99,993	99,394	99,023	98,478	88.9
Males.....	69,703	76,569	72,728	69,585	67,159	67,685	68,124	69,918	67,916	69,329	69,275	69,302	68,846	87.7
Females.....	28,111	27,904	27,610	26,184	25,687	26,160	26,415	27,587	29,649	30,664	30,119	29,721	29,632	83.8
CUMBERLAND.....	3,753	3,497	3,321	3,373	3,546	3,468	3,548	4,007	4,031	4,082	4,111	4,014	4,038	80.8
Males.....	3,233	3,029	2,870	2,879	3,053	2,978	3,047	3,436	3,465	3,535	3,572	3,471	3,461	80.3
Females.....	520	468	451	494	493	490	501	571	566	547	539	543	577	78.2
FREDERICK.....	1,308	1,198	1,199	1,206	1,192	1,172	1,196	1,241	1,751	1,761	1,314	1,183	1,283	66.6
Males.....	1,027	951	962	962	970	955	980	1,013	1,294	1,259	1,024	939	1,015	72.6
Females.....	281	247	237	244	222	217	216	228	457	502	290	244	268	43.0
HAGERSTOWN.....	4,029	4,108	3,832	3,784	3,765	3,819	3,930	4,004	4,156	4,171	4,243	4,301	4,235	87.5
Males.....	3,187	3,221	3,019	3,020	3,012	3,019	3,112	3,150	3,286	3,305	3,376	3,411	3,313	88.3
Females.....	842	887	813	764	753	800	818	854	870	866	867	890	922	81.7

MANUFACTURES—MARYLAND.

9

TABLE 9.—AVERAGE NUMBER OF WAGE EARNERS, BY PREVAILING HOURS OF LABOR PER WEEK, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919 AND 1914.

INDUSTRY AND CITY.	Census year.	Total.	IN ESTABLISHMENTS WHERE THE PREVAILING HOURS OF LABOR PER WEEK WERE—							
			44 and under.	Between 44 and 48.	48. ¹	Between 48 and 54.	54.	Between 54 and 60.	60.	Over 60.
All industries.....	1919	140,342	36,569	5,868	27,201	25,444	9,648	23,321	10,398	1,893
	1914	111,585	(2)	(2)	14,583	20,508	18,238	20,142	29,942	8,172
	1909	107,921	(2)	(2)	6,166	13,229	16,274	21,601	41,574	9,077
Automobile repairing.....	1919	1,101	22	12	234	152	497	19	156	9
	1914	95	(2)	(2)	33	.....	31	3	28	.....
Boxes, paper and other, not elsewhere specified.....	1919	1,898	29	16	387	1,437	16	13	.....	.....
	1914	905	.....	.....	.....	91	188	279	347	.....
Boxes, wooden packing, except cigar boxes.....	1919	1,972	53	17	129	76	572	1,113	12	.....
	1914	1,883	.....	.....	.....	.....	145	919	819	.....
Bread and other bakery products.....	1919	2,381	38	286	454	561	786	56	163	37
	1914	2,038	(2)	(2)	103	19	226	55	1,337	298
Brick and tile, terra-cotta, and fire-clay products.....	1919	1,207	51	.....	432	28	40	149	507	.....
	1914	1,721	(2)	(2)	408	167	158	196	792	.....
Canning and preserving, fruits and vegetables.....	1919	7,645	1,084	110	626	692	376	1,602	3,022	133
	1914	8,354	(2)	(2)	1,354	272	131	517	5,489	591
Cars and general shop construction and repairs by steam-railroad companies.....	1919	8,363	.....	.....	3,653	.....	14	4,696	.....	.....
	1914	5,969	(2)	(2)	2,499	.....	527	102	404	2,437
Clothing, men's.....	1919	9,256	7,273	805	632	428	42	76	.....	.....
	1914	12,909	(2)	(2)	1,168	5,878	5,024	508	209	122
Clothing, women's.....	1919	2,822	1,112	266	412	1,030	2	.....	.....	.....
	1914	3,026	(2)	(2)	611	1,864	397	154	.....	.....
Confectionery and ice cream ³	1919	3,008	69	10	92	1,154	411	776	247	249
	1914	1,707	(2)	(2)	81	105	147	432	847	95
Cotton goods.....	1919	3,416	.....	325	2,183	80	352	476	.....	.....
	1914	3,424	.....	.....	.....	.....	.....	820	2,604	.....
Fertilizers.....	1919	3,102	21	.....	42	28	635	1,130	1,246	.....
	1914	1,991	(2)	(2)	73	40	109	121	1,633	15
Foundry and machine-shop products ⁴	1919	4,138	484	435	1,635	590	624	236	134	.....
	1914	2,668	(2)	(2)	665	462	669	456	416	.....
Furnishing goods, men's.....	1919	4,075	45	1,322	652	2,056	.....	.....	.....	.....
	1914	561	(2)	(2)	201	360	.....	.....	.....	.....
Furniture.....	1919	1,645	67	41	82	407	156	659	233	.....
	1914	1,998	(2)	(2)	26	180	607	792	393	.....
Glass.....	1919	1,755	91	91	933	216	424	.....	.....	.....
	1914	1,184	(2)	(2)	140	937	107	.....	.....	.....
Hats, straw.....	1919	1,385	8	105	60	993	219	.....	.....	.....
	1914	2,173	.....	.....	.....	.....	.....	1,642	531	.....
Iron and steel, steel works and rolling mills ⁵	1919	4,944	3,896	34	.....	.....	.....	283	731	.....
Lumber and timber products.....	1919	1,844	113	208	73	347	53	312	738	.....
	1914	2,616	(2)	(2)	61	121	132	640	1,652	10
Lumber, planing-mill products, not including planing mills connected with sawmills.....	1919	1,179	37	.....	14	171	613	337	7	.....
	1914	1,517	(2)	(2)	113	176	632	171	425	.....
Paper and wood pulp.....	1919	1,408	.....	.....	864	.....	.....	.....	.....	544
	1914	1,586	.....	.....	.....	.....	51	.....	356	1,179
Printing and publishing, book and job.....	1919	2,243	311	9	1,726	185	7	1	4	.....
	1914	2,284	(2)	(2)	1,140	906	215	20	3	.....
Printing and publishing, newspapers and periodicals.....	1919	1,397	34	610	651	57	29	10	6	.....
	1914	1,136	(2)	(2)	874	33	96	70	59	4
Shipbuilding, steel.....	1919	17,212	17,212	.....	.....	.....	.....	.....	.....	.....
	1914	2,039	(2)	(2)	184	1,378	477	.....	.....	.....
Shipbuilding, wooden, including boat building.....	1919	1,872	1,403	.....	251	80	84	10	44	.....
	1914	429	(2)	(2)	1	.....	201	91	136	.....
Shirts.....	1919	2,486	834	29	1,055	337	4	227	.....	.....
	1914	5,153	(2)	(2)	313	2,066	1,768	683	63	260
Slaughtering and meat packing.....	1919	1,563	203	.....	559	7	101	266	417	10
	1914	1,221	(2)	(2)	11	6	98	224	879	3
Stamped and enameled ware, not elsewhere specified.....	1919	3,486	.....	.....	.....	3,153	262	16	55	.....
	1914	4,155	(2)	(2)	3	1,460	1,340	266	1,086	.....
Tinware, not elsewhere specified.....	1919	4,233	93	.....	72	580	514	2,974	.....	.....
	1914	3,072	(2)	(2)	5	38	53	1,427	1,549	.....
Tobacco, cigars and cigarettes.....	1919	2,548	227	11	140	1,326	179	665	.....	.....
	1914	3,212	(2)	(2)	438	610	517	1,634	12	1
All other industries.....	1919	34,758	1,759	1,126	9,158	9,273	2,636	7,219	2,676	911
	1914	30,559	(2)	(2)	4,078	3,339	4,192	7,920	7,873	3,157

¹ Includes 48 and under for 1914 and 1909.
² Corresponding figures not available.

³ Includes "chewing gum" in 1914.
⁴ Includes "iron and steel, welding."

⁵ Not shown separately in 1914.

MANUFACTURES—MARYLAND.

TABLE 9.—AVERAGE NUMBER OF WAGE EARNERS, BY PREVAILING HOURS OF LABOR PER WEEK, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919 AND 1914—Continued.

INDUSTRY AND CITY.	Censns year.	Total.	IN ESTABLISHMENTS WHERE THE PREVAILING HOURS OF LABOR PER WEEK WERE—							
			44 and under.	Between 44 and 48.	48. ¹	Between 48 and 54.	54.	Between 54 and 60.	60.	Over 60.
Total for cities.....	1919	106,999	22,180	5,080	23,642	23,002	7,802	19,187	5,402	704
	1914	81,306	(²)	(²)	12,206	17,180	16,347	14,744	17,076	3,753
ANNAPOLIS.....	1919	95	1	.....	22	.....	29	3	11	29
BALTIMORE.....	1919	97,814	21,953	5,075	22,669	21,473	7,204	15,085	3,790	565
	1914	73,769	(²)	(²)	11,565	16,677	15,714	12,452	15,591	1,770
CUMBERLAND.....	1919	3,753	200	2	458	242	174	1,782	872	23
	1914	2,817	(²)	(²)	419	409	277	126	553	1,033
FREDERICK.....	1919	1,308	1	.....	46	71	168	745	242	35
	1914	1,146	(²)	(²)	10	.....	52	764	256	64
HAGERSTOWN.....	1919	4,029	25	3	447	1,216	227	1,572	487	52
	1914	3,574	(²)	(²)	212	94	304	1,402	676	886

¹ Includes 48 and under for 1914 and 1909.² Corresponding figures not available.

TABLE 10.—SIZE OF ESTABLISHMENTS, BY AVERAGE NUMBER OF WAGE EARNERS, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919.

INDUSTRY AND CITY.	TOTAL.		ESTABLISHMENTS EMPLOYING—																
	Establishments	Wage earners (average number).	No wage earners.	1 to 5 wage earners, inclusive.		6 to 20 wage earners, inclusive.		21 to 50 wage earners, inclusive.		51 to 100 wage earners, inclusive.		101 to 250 wage earners, inclusive.		251 to 500 wage earners, inclusive.		501 to 1,000 wage earners, inclusive.		Over 1,000 wage earners.	
			Establishments.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.
All industries.....	4,937	140,342	636	2,351	5,221	1,062	11,880	464	14,879	194	14,004	143	22,375	47	15,005	25	16,968	15	40,010
Automobile repairing.....	212	1,101	19	147	322	36	401	9	304	1	74	.....	.....	.....	.....	.....	.....	.....	.....
Boxes, paper and other, not elsewhere specified.....	23	1,898	1	2	3	8	125	7	228	2	137	2	316	.....	.....	.....	.....	1	1,089
Boxes, wooden packing, except cigar boxes.....	39	1,972	.....	3	11	8	86	16	578	6	422	6	875	.....	.....	.....	.....	.....	.....
Bread and other bakery products.....	424	2,381	97	265	490	50	485	6	157	2	139	1	106	3	1,004	.....	.....	.....	.....
Brick and tile, terra-cotta, and fire-clay products.....	30	1,207	.....	6	30	9	118	8	258	5	411	2	390	.....	.....	.....	.....	.....	.....
Canning and preserving, fruits and vegetables.....	406	7,645	2	124	449	185	2,031	64	2,035	21	1,416	9	1,427	1	287	.....	.....	.....	.....
Cars and general shop construction and repairs by steam-railroad companies.....	17	8,363	.....	.....	.....	1	14	2	66	2	128	4	613	2	752	3	1,877	3	4,913
Clothing, men's.....	284	9,256	19	110	314	91	1,046	39	1,159	11	830	10	1,356	.....	.....	3	2,392	1	2,159
Clothing, women's.....	125	2,822	11	31	76	37	421	31	942	12	865	3	518	.....	.....	.....	.....	.....	.....
Confectionery and ice cream.....	170	3,008	32	93	167	25	266	8	297	4	297	6	907	1	456	1	618	.....	.....
Cotton goods.....	14	3,416	.....	1	5	1	6	3	118	2	164	3	494	2	538	1	654	1	1,437
Fertilizers.....	45	3,102	.....	16	37	10	128	5	173	6	438	3	498	4	1,205	1	623	.....	.....
Foundry and machine-shop products.....	133	4,081	15	41	97	37	437	21	695	12	878	5	704	1	352	1	918	.....	.....
Furnishing goods, men's.....	29	4,075	.....	6	23	9	134	6	203	3	202	2	417	1	373	.....	.....	2	2,723
Furniture.....	47	1,645	2	11	28	11	125	8	287	11	717	4	488	.....	.....	.....	.....	.....	.....
Glass.....	8	1,755	.....	.....	.....	1	14	.....	.....	2	183	2	364	2	625	1	569	.....	.....
Hats, straw.....	7	1,385	.....	.....	.....	1	8	1	47	1	60	2	324	1	369	1	577	.....	.....
Iron and steel, steel works and rolling mills.....	5	4,944	.....	.....	.....	.....	.....	1	34	1	85	.....	.....	1	283	1	646	1	3,896
Lumber and timber products.....	393	1,844	14	289	502	78	748	9	258	1	80	2	256	.....	.....	.....	.....	.....	.....
Lumber, planing-mill products, not including planing mills connected with sawmills.....	65	1,179	3	22	61	25	344	10	353	4	286	1	135	.....	.....	.....	.....	.....	.....
Paper and wood pulp.....	10	1,408	.....	2	4	.....	.....	5	140	.....	.....	2	400	.....	.....	1	864	.....	.....
Printing and publishing, book and job.....	210	2,243	46	91	208	47	518	16	512	7	506	2	240	1	259	.....	.....	.....	.....
Printing and publishing, newspapers and periodicals.....	142	1,397	43	81	180	11	109	3	73	.....	.....	1	115	3	920	.....	.....	.....	.....
Shipbuilding, steel.....	4	17,212	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	268	1	885	2	16,059
Shipbuilding, wooden, including boat building.....	38	1,872	4	12	22	5	53	9	332	1	98	5	836	2	531	.....	.....	.....	.....
Shirts.....	47	2,486	.....	8	29	15	195	13	421	7	535	2	275	.....	.....	2	1,031	.....	.....
Slaughtering and meat packing.....	47	1,563	2	25	60	7	81	4	139	2	138	6	855	1	290	.....	.....	.....	.....
Stamped and enameled ware, not elsewhere specified.....	7	3,486	.....	1	2	2	28	.....	.....	1	55	1	250	.....	.....	1	963	1	2,188
Tinware, not elsewhere specified.....	28	4,233	.....	6	15	4	46	5	167	4	286	3	407	3	1,132	2	1,137	1	1,043
Tobacco, cigars and cigarettes.....	146	2,548	49	63	113	13	118	11	386	3	212	3	474	4	1,245	.....	.....	.....	.....
All other industries.....	1,782	34,815	277	895	1,973	335	3,795	144	4,517	60	4,362	51	8,335	13	4,116	5	3,214	2	4,503
Total for cities.....	3,093	106,999	444	1,306	3,070	666	7,576	323	10,317	160	11,552	123	19,316	37	12,869	21	14,213	13	28,086
ANNAPOLIS.....	15	95	2	7	18	6	77	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
BALTIMORE.....	2,797	97,814	422	1,170	2,710	585	6,615	300	9,669	143	10,259	113	17,705	33	11,592	20	13,567	11	25,697
CUMBERLAND.....	82	3,753	3	42	133	18	212	8	207	6	494	2	397	1	294	1	646	1	1,370
FREDERICK.....	77	1,308	9	35	68	23	294	4	106	3	190	2	335	1	315	.....	.....	.....	.....
HAGERSTOWN.....	122	4,029	8	52	141	34	378	11	335	8	609	6	879	2	668	.....	.....	1	1,019

MANUFACTURES—MARYLAND.

11

TABLE 11.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS: 1919, 1914, AND 1909.

VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE.		
	1919	1914	1909	1919	1914	1909	1919	1914	1909	1919	1914	1909
All classes.....	4,937	4,797	4,837	140,342	111,585	107,921	\$873,944,774	\$377,749,078	\$315,669,150	\$324,597,395	\$138,777,105	\$116,620,245
Less than \$5,000.....	1,122	1,671	1,689	941	2,623	3,040	2,706,913	4,202,520	4,227,777	1,631,219	2,571,279	2,547,434
\$5,000 to \$20,000.....	1,603	1,646	1,767	5,486	8,905	11,346	17,339,308	16,707,959	17,825,972	8,972,817	8,539,767	8,899,931
\$20,000 to \$100,000.....	1,273	969	899	14,026	18,296	18,344	57,806,410	44,122,614	38,980,483	25,632,799	19,827,983	17,364,553
\$100,000 to \$500,000.....	675	377	441	29,068	43,569	46,859	148,743,829	81,271,910	130,048,877	63,006,491	56,097,430	53,355,069
\$500,000 to \$1,000,000.....	123	69	41	14,772	28,192	28,332	86,730,231	49,489,624	124,586,041	36,786,292	51,740,646	34,453,258
\$1,000,000 and over.....	141	65	41	76,049	28,192	28,332	560,618,083	181,954,451	124,586,041	188,567,777	51,740,646	34,453,258
PER CENT DISTRIBUTION.												
All classes.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than \$5,000.....	22.7	34.8	34.9	0.7	2.4	2.8	0.3	1.1	1.3	0.5	1.8	2.2
\$5,000 to \$20,000.....	32.5	34.3	36.5	3.9	8.0	10.5	2.0	4.4	5.6	2.8	6.2	7.6
\$20,000 to \$100,000.....	25.8	20.2	18.6	10.0	16.4	17.0	6.6	11.7	12.3	7.9	14.3	14.9
\$100,000 to \$500,000.....	13.7	7.9	9.1	20.7	39.0	43.4	17.0	21.5	41.2	19.4	40.4	45.8
\$500,000 to \$1,000,000.....	2.5	1.4	0.8	10.5	34.2	26.3	9.9	13.1	39.5	11.3	37.3	29.5
\$1,000,000 and over.....	2.9	1.4	0.8	54.2	34.2	26.3	64.1	48.2	39.5	58.1	37.3	29.5

TABLE 12.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR SELECTED INDUSTRIES: 1919 AND 1914.

INDUSTRY AND VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.				AVERAGE NUMBER OF WAGE EARNERS.				VALUE OF PRODUCTS.				VALUE ADDED BY MANUFACTURE.				
	1919	1914	Per cent distribution.		1919	1914	Per cent distribution.		1919	1914	Per cent distribution.		1919	1914	Per cent distribution.		
			1919	1914			1919	1914			1919	1914			1919	1914	
BREAD AND OTHER BAKERY PRODUCTS.....	424	523	100.0	100.0	2,381	2,038	100.0	100.0	\$20,494,018	\$8,097,586	100.0	100.0	\$7,595,915	\$3,467,527	100.0	100.0	
Less than \$5,000.....	53	206	12.5	39.4	15	122	0.6	6.0	169,175	614,190	0.8	7.6	52,034	276,614	0.7	8.0	
\$5,000 to \$20,000.....	244	265	57.5	50.7	264	637	11.1	31.3	2,652,808	2,423,995	12.9	29.9	968,330	1,028,706	12.7	29.7	
\$20,000 to \$100,000.....	102	46	24.1	8.8	515	466	21.6	22.9	4,232,434	1,660,473	20.7	20.5	1,422,553	617,669	18.7	17.8	
\$100,000 to \$1,000,000.....	20	16	4.7	1.1	393	1,813	16.5	39.9	3,887,147	3,398,928	19.0	42.0	1,122,182	1,544,538	14.8	44.5	
\$1,000,000 and over.....	5	.....	1.2	.....	1,194	.....	50.1	.....	9,552,454	.....	46.6	.....	4,030,816	.....	53.1	.....
CANNING AND PRESERVING, FRUITS AND VEGETABLES....	406	423	100.0	100.0	7,645	8,354	100.0	100.0	28,421,544	17,499,730	100.0	100.0	7,761,415	4,896,405	100.0	100.0	
Less than \$5,000.....	44	58	10.8	13.7	138	193	1.8	2.3	127,033	178,493	0.4	1.0	23,704	52,193	0.3	1.1	
\$5,000 to \$20,000.....	154	200	37.9	47.3	1,033	1,565	13.5	18.7	1,858,925	2,430,557	6.5	13.9	419,423	691,216	5.4	14.1	
\$20,000 to \$100,000.....	139	135	34.2	31.9	2,069	2,615	27.1	31.3	6,123,600	5,327,491	21.5	30.4	1,357,078	1,524,669	17.5	31.1	
\$100,000 to \$500,000.....	62	23	15.3	5.4	3,013	2,3981	39.4	47.7	12,876,292	4,395,483	45.3	25.1	3,751,049	2,628,327	48.3	53.7	
\$500,000 and over.....	7	7	1.7	1.7	1,392	.....	18.2	.....	7,435,694	5,167,706	26.2	29.5	2,210,161	.....	28.5	.....
CARS AND GENERAL SHOP CONSTRUCTION AND REPAIRS BY STEAM-RAILROAD COMPANIES.....	17	20	100.0	100.0	8,363	5,969	100.0	100.0	22,837,066	13,229,352	100.0	100.0	13,339,174	4,349,751	100.0	100.0	
\$5,000 to \$20,000.....	7	35.0	98	1.6	82,301	0.6	61,930	1.4
\$20,000 to \$100,000.....	4	3	23.5	15.0	145	138	1.7	2.3	235,890	195,029	1.0	1.5	184,631	104,237	1.4	2.4	
\$100,000 to \$1,000,000.....	6	7	35.3	35.0	1,028	1,654	12.3	27.7	2,280,193	2,146,723	10.0	16.2	1,523,411	1,233,534	11.4	28.4	
\$1,000,000 and over.....	7	3	41.2	15.0	7,190	4,079	86.0	68.3	20,320,983	10,805,299	89.0	81.7	11,631,132	2,950,050	87.2	67.8	
CLOTHING, MEN'S.....	284	253	100.0	100.0	9,256	12,909	100.0	100.0	60,414,498	28,999,838	100.0	100.0	29,405,385	13,982,521	100.0	100.0	
Less than \$5,000.....	28	77	9.9	30.4	62	322	0.7	2.5	69,027	197,418	0.1	0.7	64,079	187,168	0.2	1.3	
\$5,000 to \$20,000.....	95	83	33.5	32.8	625	959	6.8	7.4	1,043,947	731,222	1.7	2.5	940,958	644,614	3.2	4.6	
\$20,000 to \$100,000.....	65	51	22.9	20.2	946	585	10.2	4.5	2,771,420	2,538,658	4.6	8.8	1,954,075	1,203,435	6.6	8.6	
\$100,000 to \$500,000.....	76	30	26.8	11.9	1,695	2,463	18.3	19.1	17,582,000	6,184,770	29.1	21.3	7,113,369	3,392,508	24.2	31.4	
\$500,000 to \$1,000,000.....	10	5	3.5	2.0	651	.....	7.0	.....	6,666,381	3,782,040	11.0	13.0	3,096,947	.....	10.5	.....
\$1,000,000 and over.....	10	7	3.5	2.8	5,277	8,580	57.0	66.5	32,281,723	15,565,730	53.4	53.7	16,235,957	7,554,796	55.2	54.0	
CLOTHING, WOMEN'S.....	125	90	100.0	100.0	2,822	3,026	100.0	100.0	13,884,281	6,015,195	100.0	100.0	6,126,469	2,719,126	100.0	100.0	
Less than \$5,000.....	13	6	10.4	6.7	17	31	0.6	1.0	33,528	17,570	0.2	0.3	23,010	13,937	0.4	0.5	
\$5,000 to \$20,000.....	21	22	16.8	24.4	97	194	3.4	6.4	244,404	256,967	1.8	4.3	123,767	132,155	2.0	4.9	
\$20,000 to \$100,000.....	47	42	37.6	46.7	552	982	19.6	32.5	2,717,450	2,117,305	19.6	35.2	1,101,124	978,862	18.0	36.0	
\$100,000 to \$500,000.....	40	20	32.0	22.2	1,591	1,819	56.4	60.1	8,067,277	3,623,353	58.1	60.2	3,424,268	1,594,172	55.9	58.6	
\$500,000 to \$1,000,000.....	4	.....	3.2	.....	565	.....	20.0	.....	2,821,622	.....	20.3	.....	1,454,300	.....	23.7	.....
CONFECTIONERY AND ICE CREAM.....	170	127	100.0	100.0	3,008	1,707	100.0	100.0	17,995,081	4,842,524	100.0	100.0	6,658,665	1,745,589	100.0	100.0	
Less than \$5,000.....	44	50	25.9	39.4	17	34	0.6	2.0	95,026	130,525	0.5	2.7	42,238	61,113	0.6	3.5	
\$5,000 to \$20,000.....	68	45	40.0	35.4	114	135	3.8	7.9	660,952	433,821	3.7	9.0	283,865	193,205	4.3	11.1	
\$20,000 to \$100,000.....	34	19	20.0	15.0	273	262	9.1	15.3	1,458,320	779,193	8.1	16.1	605,416	298,253	9.1	17.1	
\$100,000 to \$500,000.....	16	13	9.4	10.2	715	1,276	23.8	74.8	4,265,089	3,498,985	23.7	72.3	1,572,434	1,193,018	23.6	68.3	
\$500,000 and over.....	8	.....	4.7	.....	1,889	.....	62.8	.....	11,515,694	.....	64.0	.....	4,154,712	.....	62.4	.....
COTTON GOODS.....	14	13	100.0	100.0	3,416	3,424	100.0	100.0	18,454,957	6,790,935	100.0	100.0	7,027,400	2,338,610	100.0	100.0	
\$20,000 to \$500,000.....	6	13	42.9	100.0	206	2,424	6.0	100.0	1,242,877	6,790,935	6.7	100.0	449,151	2,338,610	6.4	100.0	
\$500,000 to \$1,000,000.....	4	.....	28.6	.....	557	.....	16.3	.....	2,838,736	.....	15.4	.....	1,115,773	.....	15.9	.....
\$1,000,000 and over.....	4	.....	28.6	.....	2,653	.....	77.7	.....	14,373,344	.....	77.9	.....	5,462,476	.....	77.7	.....

¹ Includes the group "\$1,000,000 and over."² Includes the groups "\$500,000 to \$1,000,000" and "\$1,000,000 and over."³ Includes the group "\$500,000 to \$1,000,000."⁴ Includes "chewing gum" in 1914.

TABLE 12.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR SELECTED INDUSTRIES: 1919 AND 1914—Contd.

INDUSTRY AND VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.				AVERAGE NUMBER OF WAGE EARNERS.				VALUE OF PRODUCTS.				VALUE ADDED BY MANUFACTURE.			
	1919	1914	Per cent distribution.		1919	1914	Per cent distribution.		1919	1914	Per cent distribution.		1919	1914	Per cent distribution.	
			1919	1914			1919	1914			1919	1914			1919	1914
FERTILIZERS.....	45	48	100.0	100.0	3,102	1,991	100.0	100.0	\$37,014,097	\$13,986,704	100.0	100.0	\$12,319,379	\$4,019,102	100.0	100.0
Less than \$5,000.....	.....	5	.....	10.4	.....	5	.....	0.3	.....	16,761	.....	0.1	.....	4,086	.....	0.1
\$5,000 to \$20,000.....	¹ 9	12	20.0	25.0	¹ 19	37	0.6	1.9	¹ 99,136	133,100	0.3	1.0	¹ 28,614	43,801	0.2	1.1
\$20,000 to \$100,000.....	9	12	20.0	25.0	36	148	1.2	7.4	439,929	1,197,864	1.2	8.6	99,053	304,624	0.8	7.6
\$100,000 to \$500,000.....	10	8	22.2	16.7	185	² 1,041	6.0	52.3	2,275,925	1,466,946	6.1	10.5	468,078	² 1,984,540	3.8	49.4
\$500,000 to \$1,000,000.....	5	8	11.1	16.7	214	.....	6.9	.....	3,840,354	6,109,264	10.4	43.7	1,128,972	.....	9.2	.....
\$1,000,000 and over.....	12	3	26.7	6.2	2,648	760	85.4	38.2	30,358,743	5,062,769	82.0	36.2	10,594,662	1,682,051	86.0	41.9
FLOUR-MILL AND GRISTMILL PRODUCTS.....	247	247	100.0	100.0	478	473	100.0	100.0	19,004,169	8,163,869	100.0	100.0	2,646,698	1,245,309	100.0	100.0
Less than \$5,000.....	36	57	14.6	23.1	1	16	0.2	3.4	97,634	168,998	0.5	2.1	19,395	47,330	0.7	3.8
\$5,000 to \$20,000.....	79	111	32.0	44.9	31	103	6.5	21.8	955,511	1,208,918	5.0	14.8	172,152	267,419	6.5	21.5
\$20,000 to \$100,000.....	104	66	42.1	26.7	166	178	34.7	37.6	4,243,270	2,720,867	22.3	33.3	718,894	448,121	27.2	36.0
\$100,000 to \$500,000.....	21	³ 13	8.5	5.3	116	³ 176	24.3	37.2	4,321,237	³ 4,065,086	22.7	49.8	465,436	³ 482,439	17.6	38.7
\$500,000 and over.....	7	.....	2.8	.....	164	.....	34.3	.....	9,386,517	.....	49.4	.....	1,270,821	.....	48.0	.....
FOUNDRY AND MACHINE-SHOP PRODUCTS ⁴	146	128	100.0	100.0	4,138	2,668	100.0	100.0	16,045,959	6,615,128	100.0	100.0	10,389,028	3,409,955	100.0	100.0
Less than \$5,000.....	33	32	22.6	25.0	18	47	0.4	1.8	82,255	76,551	0.5	1.2	60,938	59,654	0.6	1.7
\$5,000 to \$20,000.....	35	43	24.0	33.6	124	225	3.0	8.4	398,055	443,828	2.5	6.7	297,618	294,715	2.9	8.6
\$20,000 to \$100,000.....	43	39	29.5	30.5	585	927	14.1	34.7	2,204,496	1,753,792	13.7	26.5	1,349,980	1,119,680	13.0	32.8
\$100,000 to \$500,000.....	28	³ 14	19.2	10.9	1,498	³ 1,469	36.2	55.1	5,949,012	³ 4,340,957	37.1	65.6	3,821,156	³ 1,935,906	36.8	56.8
\$500,000 to \$1,000,000.....	3	.....	2.1	.....	640	.....	15.5	.....	1,906,705	.....	11.9	.....	1,309,789	.....	12.6	.....
\$1,000,000 and over.....	4	.....	2.7	.....	1,273	.....	30.8	.....	5,505,436	.....	34.3	.....	3,549,547	.....	34.2	.....
FURNISHING GOODS, MEN'S.....	29	15	100.0	100.0	4,075	561	100.0	100.0	14,595,923	1,142,429	100.0	100.0	6,299,002	530,979	100.0	100.0
Less than \$20,000.....	3	5	10.3	33.3	33	20	0.8	3.6	26,666	37,509	0.2	3.3	14,168	17,013	0.2	3.2
\$20,000 to \$100,000.....	10	6	34.5	40.0	150	156	3.7	27.8	545,044	349,550	3.7	30.6	201,022	175,562	3.2	33.1
\$100,000 to \$500,000.....	11	4	37.9	26.7	379	385	9.3	68.6	2,300,048	755,370	15.8	66.1	875,290	338,404	13.9	63.7
\$500,000 and over.....	5	.....	17.2	.....	3,513	.....	86.2	.....	11,724,165	.....	80.3	.....	5,208,522	.....	82.7	.....
PRINTING AND PUBLISHING, BOOK AND JOB.....	210	197	100.0	100.0	2,243	2,284	100.0	100.0	10,690,650	5,546,639	100.0	100.0	6,625,093	3,532,894	100.0	100.0
Less than \$5,000.....	74	81	35.2	41.1	34	82	1.5	3.6	168,309	182,680	1.6	3.3	107,884	127,709	1.6	3.6
\$5,000 to \$20,000.....	59	62	28.1	31.5	188	329	8.4	14.4	678,447	636,476	6.3	11.5	439,429	443,603	6.6	12.6
\$20,000 to \$100,000.....	52	44	24.8	22.3	610	882	27.2	38.6	2,431,176	2,613,949	22.7	47.1	1,512,006	1,810,413	22.8	51.2
\$100,000 to \$500,000.....	19	² 10	9.0	5.1	724	² 991	32.3	43.4	3,240,048	² 2,113,534	30.3	38.1	2,108,928	² 1,151,169	31.8	32.0
\$500,000 and over.....	6	.....	2.9	.....	687	.....	30.6	.....	4,172,670	.....	39.0	.....	2,456,846	.....	37.1	.....
SHIRTS.....	47	48	100.0	100.0	2,486	5,153	100.0	100.0	12,174,683	10,048,037	100.0	100.0	3,975,611	4,467,237	100.0	100.0
Less than \$5,000.....	4	17	8.5	35.4	15	158	0.6	3.1	9,799	47,831	0.1	0.5	8,188	39,291	0.2	0.9
\$5,000 to \$20,000.....	9	17	19.1	35.4	114	340	4.6	6.6	96,381	163,141	0.8	1.6	65,064	107,132	1.6	2.4
\$20,000 to \$100,000.....	19	4	40.4	8.3	504	169	20.3	3.3	850,207	196,885	7.0	2.0	406,053	94,108	10.2	2.1
\$100,000 to \$500,000.....	11	7	23.4	14.6	603	1,129	24.3	21.9	3,224,883	1,890,374	26.5	18.8	907,639	744,547	22.8	16.7
\$500,000 and over.....	4	3	8.5	6.2	1,250	3,357	50.3	65.1	7,993,413	7,749,806	65.7	77.1	2,588,667	3,482,159	65.1	77.9
SLAUGHTERING AND MEAT PACKING.....	47	46	100.0	100.0	1,563	1,221	100.0	100.0	41,439,448	16,607,367	100.0	100.0	7,919,215	2,840,398	100.0	100.0
Less than \$20,000.....	.....	7	.....	15.2	.....	7	.....	0.6	.....	93,866	.....	0.6	.....	19,629	.....	0.7
\$20,000 to \$100,000.....	⁵ 19	19	40.4	41.3	⁵ 37	73	2.4	6.0	⁵ 850,295	941,698	2.1	5.7	⁵ 129,075	92,492	1.6	3.3
\$100,000 to \$500,000.....	12	9	25.5	19.6	59	² 440	3.8	36.0	2,319,171	2,224,814	5.6	13.4	231,765	² 697,126	2.9	24.5
\$500,000 to \$1,000,000.....	5	5	10.6	10.9	131	.....	8.4	.....	3,598,707	3,364,912	8.7	20.3	409,989	.....	5.2	.....
\$1,000,000 and over.....	11	6	23.4	13.0	1,336	701	85.5	57.4	34,671,275	9,982,077	83.7	60.1	7,148,386	2,031,151	90.3	71.5
TINWARE, NOT ELSEWHERE SPECIFIED.....	28	26	100.0	100.0	4,233	3,072	100.0	100.0	25,453,533	11,732,273	100.0	100.0	6,653,588	2,911,915	100.0	100.0
Less than \$20,000.....	6	5	21.4	19.2	15	23	0.4	0.7	72,630	46,414	0.3	0.4	31,802	26,463	0.5	0.9
\$20,000 to \$100,000.....	5	8	17.9	30.8	81	95	1.9	3.1	246,911	354,576	1.0	3.0	119,416	108,726	1.8	3.7
\$100,000 to \$500,000.....	8	8	28.6	30.8	448	407	10.6	13.2	1,983,196	1,655,654	7.8	14.1	651,264	474,070	9.8	16.3
\$500,000 and over.....	9	5	32.1	19.2	3,689	2,547	87.1	82.9	23,150,796	9,675,629	91.0	82.5	5,851,106	2,302,656	87.9	79.1

¹ Includes the group "Less than \$5,000."² Includes the group "\$500,000 to \$1,000,000."³ Includes the groups "\$500,000 to \$1,000,000" and "\$1,000,000 and over."⁴ Includes "iron and steel, welding."⁵ Includes the group "\$5,000 to \$20,000."

TABLE 13.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR CITIES OF 10,000 INHABITANTS OR MORE: 1919.

CITY AND VALUE OF PRODUCT.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.		CITY AND VALUE OF PRODUCT.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
		Average number.	Per cent of total.	Amount.	Per cent of total.	Amount.	Per cent of total.			Average number.	Per cent of total.	Amount.	Per cent of total.	Amount.	Per cent of total.
ANNAPOLIS.....	15	95	100.0	\$369,114	100.0	\$185,727	100.0	FREDERICK.....	77	1,308	100.0	\$7,141,204	100.0	\$2,258,567	100.0
Less than \$20,000.....	7	10	10.5	39,608	10.7	20,541	11.1	Less than \$5,000.....	18	6	0.5	33,025	0.5	19,572	0.9
\$20,000 to \$100,000.....	8	85	89.5	329,506	89.3	165,186	88.9	\$5,000 to \$20,000.....	22	68	5.2	230,874	3.2	101,512	4.5
BALTIMORE.....	2,797	97,814	100.0	677,878,492	100.0	250,122,688	100.0	\$20,000 to \$100,000.....	21	241	18.4	941,119	13.2	432,158	19.1
Less than \$5,000.....	521	304	0.3	1,293,466	0.2	818,543	0.3	\$100,000 to \$500,000.....	12	429	32.8	2,031,005	28.4	815,799	36.1
\$5,000 to \$20,000.....	832	2,295	2.3	9,037,015	1.3	5,228,837	2.1	\$500,000 and over.....	4	564	43.1	3,905,181	54.7	889,526	39.4
\$20,000 to \$100,000.....	736	7,723	7.9	34,640,909	5.1	17,230,221	6.9	HAGERSTOWN.....	122	4,029	100.0	17,662,575	100.0	7,261,153	100.0
\$100,000 to \$500,000.....	496	20,193	20.6	111,584,298	16.5	48,969,951	19.6	Less than \$5,000.....	16	10	0.2	39,092	0.2	28,190	0.4
\$500,000 to \$1,000,000.....	98	12,095	12.4	68,666,469	10.1	31,129,198	12.4	\$5,000 to \$20,000.....	36	133	3.3	386,688	2.2	209,397	2.9
\$1,000,000 and over.....	114	55,204	56.4	452,656,335	66.8	146,745,938	58.7	\$20,000 to \$100,000.....	41	471	11.7	2,039,172	11.5	855,005	11.8
CUMBERLAND.....	82	3,753	100.0	15,842,210	100.0	7,549,881	100.0	\$100,000 to \$500,000.....	21	1,254	31.1	4,914,765	27.8	2,036,621	28.0
Less than \$5,000.....	12	16	0.4	33,051	0.2	23,454	0.3	\$500,000 and over.....	8	2,161	53.6	10,232,858	58.2	4,131,940	56.9
\$5,000 to \$20,000.....	24	96	2.6	278,322	1.8	167,413	2.2								
\$20,000 to \$100,000.....	25	234	6.2	1,032,871	6.5	445,428	5.9								
\$100,000 to \$500,000.....	15	1,118	29.8	3,366,648	21.3	1,872,922	24.8								
\$500,000 and over.....	6	2,289	61.0	11,131,318	70.3	5,040,634	66.8								

TABLE 14.—CHARACTER OF OWNERSHIP, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919 AND 1914.

INDUSTRY AND CITY.	Cen- sus year.	NUMBER OF ESTABLISHMENTS OWNED BY—			AVERAGE NUMBER OF WAGE EARNERS.									VALUE OF PRODUCTS.					
		Indi- vid- uals.	Cor- pora- tions.	All oth- ers.	Total.	In establishments owned by—			Per cent of total.			Total.	Of establishments owned by—			Per cent of total.			
						Indi- vid- uals.	Cor- pora- tions.	All oth- ers.	Indi- vid- uals.	Cor- pora- tions.	All oth- ers.		Indi- vid- uals.	Corpora- tions.	All others.	Indi- vid- uals.	Corpora- tions.	All oth- ers.	
All industries.....	1919	2,663	1,209	1,065	140,342	14,395	110,856	15,091	10.3	79.0	10.8	\$873,944,774	\$81,391,812	\$707,408,302	\$85,144,660	9.3	80.9	9.7	
	1914	2,879	1,004	914	111,585	15,831	68,380	27,374	14.2	61.3	24.5	377,749,078	44,428,028	264,857,410	68,463,640	11.8	70.1	18.1	
	1909	2,917	873	1,047	107,921	16,826	59,676	31,419	15.6	55.3	29.1	315,669,150	41,522,912	207,102,289	67,043,949	13.2	65.6	21.2	
Bread and other bakery products.	1919	380	13	31	2,381	1,046	1,214	121	43.9	51.0	5.1	20,494,018	10,280,028	9,303,512	910,478	50.2	45.4	4.4	
	1914	484	9	30	2,038	1,161	747	130	57.0	36.7	6.4	8,097,586	4,684,853	3,006,478	406,255	57.9	37.1	5.0	
Canning and preserving, fruits and vegetables.	1919	188	57	161	7,645	2,046	2,855	2,744	26.8	37.3	35.9	28,421,544	6,001,856	13,787,717	8,631,971	21.1	48.5	30.4	
	1914	230	58	135	8,354	2,287	3,760	2,307	27.4	45.0	27.6	17,499,730	4,137,017	8,997,540	4,365,173	23.6	51.4	24.9	
Cars and general shop con- struction and repairs by steam-railroad companies.	1919	.....	17	.....	8,363	.....	8,363	.....	.....	100.0	.....	22,837,066	.....	22,837,066	.....	.....	100.0	.....
	1914	.....	20	.....	5,969	.....	5,969	.....	.....	100.0	.....	13,229,352	.....	13,229,352	.....	.....	100.0	.....
Clothing, men's.....	1919	156	29	99	9,256	1,800	5,019	2,437	19.4	54.2	26.3	60,414,498	10,472,870	29,041,862	20,899,766	17.3	48.1	34.6	
	1914	170	10	73	12,909	1,565	2,793	8,551	12.1	21.6	66.2	28,999,838	3,742,176	3,431,114	21,826,548	12.9	11.8	75.3	
Clothing, women's.....	1919	56	24	45	2,822	618	1,187	1,017	21.9	42.1	36.0	13,884,281	3,422,573	5,288,834	5,172,874	24.7	38.1	37.3	
	1914	45	13	32	3,026	813	675	1,538	26.9	22.3	50.8	6,015,195	1,656,204	1,250,095	3,108,896	27.5	20.8	51.7	
Confectionery and ice cream. ¹	1919	105	29	36	3,008	509	2,283	216	16.9	75.9	7.2	17,995,081	3,177,877	13,809,025	1,008,179	17.7	76.7	5.6	
	1914	73	24	30	1,707	324	1,207	176	19.0	70.7	10.3	4,842,524	973,727	3,353,839	514,958	20.1	69.3	10.6	
Fertilizers.....	1919	6	32	7	3,102	50	3,008	44	1.6	97.0	1.4	37,014,097	480,472	36,104,218	429,407	1.3	97.5	1.2	
	1914	9	29	10	1,991	83	1,847	61	4.2	92.8	3.1	13,986,704	409,025	13,162,182	415,497	2.9	94.1	3.0	
Flour-mill and gristmill products.	1919	164	30	53	478	148	230	100	31.0	48.1	20.9	19,004,169	3,970,188	10,402,781	4,631,200	20.9	54.7	24.4	
	1914	174	32	41	473	211	192	70	44.6	40.6	14.8	8,163,869	3,684,638	3,541,657	937,574	45.1	43.4	11.5	
Foundry and machine- shop products. ²	1919	59	62	25	4,138	416	3,501	221	10.1	84.6	5.3	16,045,959	1,442,247	13,836,331	767,381	9.0	86.2	4.8	
	1914	49	52	27	2,668	360	2,062	246	13.5	77.3	9.2	6,615,128	875,652	4,984,229	755,247	13.2	75.3	11.4	
Furnishing goods, men's...	1919	4	14	11	4,075	102	3,431	542	2.5	84.2	13.3	14,595,923	340,188	11,229,070	3,026,665	2.3	76.9	20.7	
	1914	7	3	5	561	31	287	243	5.5	51.2	43.3	1,142,429	87,495	463,919	591,015	7.7	40.6	51.7	
Printing and publishing, book and job.	1919	102	68	40	2,243	209	1,807	227	9.3	80.6	10.1	10,690,650	835,615	8,760,877	1,094,158	7.8	81.9	10.2	
	1914	105	60	32	2,284	302	1,547	435	13.2	67.7	19.0	5,546,639	713,211	3,652,692	1,180,736	12.9	65.9	21.3	
Shirts.....	1919	16	15	16	2,486	501	1,635	350	20.2	65.8	14.1	12,174,683	1,706,777	8,694,291	1,773,615	14.0	71.4	14.6	
	1914	23	7	18	5,153	455	596	4,102	8.8	11.6	79.6	10,048,037	430,844	795,532	8,821,661	4.3	7.9	87.8	
Slaughtering and meat packing.	1919	24	13	10	1,563	241	1,237	85	15.4	79.1	5.4	41,439,448	6,394,153	32,295,912	2,749,383	15.4	77.9	6.6	
	1914	24	11	11	1,221	387	754	80	31.7	61.8	6.6	16,607,367	5,946,977	8,989,257	1,671,133	35.8	54.1	10.1	
Tinware, not elsewhere specified.	1919	6	18	4	4,233	130	3,962	141	3.1	93.6	3.3	25,453,533	341,886	24,253,827	857,820	1.3	95.3	3.4	
	1914	5	16	5	3,072	41	2,497	534	1.3	81.3	17.4	11,732,273	125,328	10,178,212	1,428,733	1.1	86.8	12.2	
Total for cities.....	1919	1,645	875	573	106,999	10,259	85,879	10,861	9.6	80.3	10.2	718,893,595	65,479,914	584,058,923	69,354,758	9.1	81.2	9.6	
	1914	1,645	615	486	81,306	10,198	47,423	23,685	12.5	58.3	29.1	232,863,773	29,272,217	142,538,659	61,052,897	12.6	61.2	26.2	
ANNAPOLIS.....	1919	9	3	3	95	42	47	6	44.2	49.5	6.3	369,114	199,901	156,863	12,350	54.2	42.5	3.3	
BALTIMORE.....	1919	1,497	782	518	97,814	9,218	78,565	10,031	9.4	80.3	10.3	677,878,492	60,613,477	553,441,356	63,823,659	8.9	81.6	9.4	
	1914	1,535	531	436	73,769	9,307	42,135	22,327	12.6	57.1	30.3	215,171,530	26,143,884	130,979,044	58,048,602	12.2	60.9	27.0	
CUMBERLAND.....	1919	31	35	16	3,753	163	3,481	109	4.3	92.8	2.9	15,842,210	719,603	14,581,485	541,122	4.5	92.0	3.4	
	1914	30	30	14	2,817	139	2,272	406	4.9	80.7	14.4	7,112,609	503,918	5,089,094	1,519,597	7.1	71.6	21.4	
FREDERICK.....	1919	42	18	17	1,308	122	1,020	166	9.3	78.0	12.7	7,141,204	886,015	4,578,361	1,676,828	12.4	64.1	23.5	
	1914	29	14	14	1,146	102	844	200	8.9	73.6	17.5	3,167,237	1,143,152	1,622,427	401,658	36.1	51.2	12.7	
HAGERSTOWN.....	1919	66	37	19	4,029	714	2,766	549	17.7	68.7	13.6	17,662,575	3,060,918	11,300,858	3,300,799	17.3	64.0	18.7	
	1914	51	40	22	3,574	650	2,172	752	18.2	60.8	21.0	7,412,397	1,481,263	4,848,094	1,083,040	20.0	65.4	14.6	

MANUFACTURES—MARYLAND.

TABLE 15.—MANUFACTURES, BY POPULATION GROUPS, IN CITIES OF 10,000 INHABITANTS OR MORE: 1919, 1914, AND 1909.

	Census year.	Aggregate.	CITIES HAVING A POPULATION OF 10,000 OR OVER.								THE STATE OUTSIDE OF CITIES HAVING A POPULATION OF 10,000 OR OVER.	
			Total.		10,000 to 25,000.		25,000 to 100,000.		100,000 and over.			
			Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.
Number of places	1919		5		2		2		1			
	1914		4		2		1		1			
	1909		4		3				1			
Population ¹	1920	1,449,661	814,007	56.2	22,280	1.5	57,901	4.0	733,826	50.6	635,654	43.8
	1915	1,341,075	640,317	47.7	35,673	2.7	25,054	1.9	579,590	43.2	700,758	52.3
	1910	1,295,346	607,242	46.9	48,757	3.8			558,485	43.1	688,104	53.1
Number of establishments	1919	4,937	3,093	62.6	92	1.9	204	4.1	2,797	56.7	1,844	37.4
	1914	4,797	2,746	57.2	170	3.5	74	1.5	2,502	52.1	2,051	42.8
	1909	4,837	2,704	55.9	202	4.2			2,502	51.7	2,133	44.1
Average number of wage earners	1919	140,342	106,999	76.2	1,403	1.0	7,782	5.5	97,814	69.7	33,343	23.8
	1914	111,585	81,306	72.9	4,720	4.2	2,817	2.5	73,769	66.1	30,279	27.1
	1909	107,921	76,124	70.5	4,680	4.3			71,444	66.2	31,797	29.5
Value of products	1919	\$873,944,774	\$718,893,595	82.3	\$7,510,318	0.9	\$33,504,785	3.8	\$677,878,492	77.6	\$155,051,179	17.7
	1914	377,749,078	232,863,773	61.6	10,579,634	2.8	7,112,609	1.9	215,171,530	57.0	144,885,305	38.4
	1909	315,669,150	197,619,972	62.6	10,642,262	3.4			186,977,710	59.2	118,049,178	37.4
Value added by manufacture	1919	324,597,395	267,378,016	82.4	2,444,294	0.8	14,811,034	4.6	250,122,688	77.1	57,219,379	17.6
	1914	138,777,105	101,905,382	73.4	4,147,725	3.0	3,119,346	2.2	94,638,311	68.2	36,871,723	26.6
	1909	116,620,245	84,047,316	72.1	4,093,489	3.5			79,953,827	68.6	32,572,929	27.9

¹ Population of 1920, as of Jan. 1, 1920; 1915, estimated population as of July 1, 1914 (per reports census of manufactures, 1914); 1910, as of Apr. 15, 1910.

TABLE 16.—PRINCIPAL INDUSTRIES IN BALTIMORE (THE ONLY CITY IN THE STATE HAVING 50,000 INHABITANTS OR MORE), WITH PER CENT OF TOTAL FOR STATE: 1919.

INDUSTRY.	VALUE OF PRODUCTS.				INDUSTRY.	VALUE OF PRODUCTS.			
	Amount, 1919.	Per cent of total for the state.	Increase ¹ over 1914.			Amount, 1919.	Per cent of total for the state.	Increase ¹ over 1914.	
			Amount.	Per cent.				Amount.	Per cent.
Clothing, men's.....	\$59,838,256	99.0	(²)	.....	Boxes, wooden packing, except cigar boxes.	\$3,850,830	59.2	\$1,329,984	52.8
Slaughtering and meat packing.....	40,479,781	97.7	\$31,468,499	349.2	Structural ironwork, not made in steel				
Fertilizers.....	32,292,525	87.2	26,091,847	420.8	works or rolling mills.....	3,808,486	100.0	(²)	.....
Tinware, not elsewhere specified.....	21,959,596	98.1	(²)	.....	Glass.....	3,351,101	83.2	(²)	.....
Bread and other bakery products.....	17,599,524	85.9	10,993,079	166.4	Automobile repairing.....	3,351,452	68.8	3,206,219	2,207.6
Confectionery and ice cream.....	16,967,106	94.3	\$12,415,247	272.8	Bags, other than paper, not including bags				
Cars and general shop construction and					made in textile mills.....	3,132,886	100.0	(²)	.....
repairs by steam-railroad companies.....	14,420,844	63.1	4,381,933	43.6	Lithographing.....	3,123,735	100.0	2,058,343	193.2
Furnishing goods, men's.....	13,961,385	95.7	12,818,956	1,122.1	Oil, not elsewhere specified.....	3,123,209	100.0	(²)	.....
Stamped and enameled ware, not else-					Umbrellas and canes.....	2,729,891	100.0	1,128,017	70.4
where specified.....	13,075,233	100.0	(²)	.....	Ice, manufactured.....	1,903,300	70.0	903,582	90.4
Clothing, women's.....	13,061,400	94.1	(²)	.....	Brick and tile, terra-cotta, and fire-clay				
Cotton goods.....	12,849,731	69.6	(²)	.....	products.....	1,874,067	58.4	(²)	.....
Foundry and machine-shop products ⁴	11,806,684	70.9	6,996,707	145.5	Copper, tin, and sheet-iron work.....	1,842,264	87.4	846,148	84.9
Canning and preserving, fruits and vege-					Sausage, not made in slaughtering and				
tables.....	11,677,988	41.1	4,180,651	55.8	meat-packing establishments.....	1,724,833	96.4	1,232,232	250.1
Shirts.....	10,566,819	86.8	944,586	9.8	Marble and stone work.....	1,531,809	77.9	230,739	17.7
Printing and publishing, book and job.....	10,333,510	96.7	1,957,368	92.2	Gas machines and gas and water meters...	1,350,132	100.0	(²)	.....
Food preparations, not elsewhere specified.	8,845,786	96.8	6,018,657	212.9	Cooperage.....	1,295,051	91.6	989,051	323.2
Patent medicines and compounds.....	8,616,675	97.1	5,714,114	196.9	Mineral and soda waters.....	1,233,485	69.1	802,514	186.2
Printing and publishing, newspapers and					Poultry, killing and dressing, not done in				
periodicals.....	8,282,313	88.5	4,825,536	139.6	slaughtering and meat-packing estab-				
Tobacco, cigars and cigarettes.....	7,458,851	91.1	2,426,166	48.2	lishments.....	1,139,455	100.0	.....	.....
Druggists' preparations, and perfumery					Ammunition.....				
and cosmetics.....	6,819,667	98.4	3,844,398	129.2	Brass, bronze, and copper products.....				
Boxes, paper and other, not elsewhere					Cars, steam-railroad, not including opera-				
specified.....	6,156,873	98.8	(²)	.....	tions of railroad companies.....				
Coffee and spice, roasting and grinding....	5,884,333	100.0	1,490,995	33.9	Chemicals.....				
Furniture.....	5,157,784	75.5	2,425,666	88.8	Gas, illuminating and heating.....	(²)	(²)	(²)	(²)
Hats, straw.....	4,719,150	100.0	-106,889	-2.2	Liquors, distilled.....				
Lumber, planing-mill products, not in-					Liquors, malt.....				
cluding planing mills connected with					Petroleum, refining.....				
saw mills.....	4,516,442	60.1	2,009,652	80.2	Shipbuilding, steel.....				
Shipbuilding, wooden, including boat					Smelting and refining, copper.....				
building.....	4,011,866	62.0	3,662,011	1,046.7	Tobacco, smoking.....				

¹ A minus sign (—) denotes decrease.
² Figures can not be shown without disclosing individual operations.
³ Includes "chewing gum" in 1914.
⁴ Includes "iron and steel, welding"; "machine tools"; and "textile machinery and parts."

TABLE 17.—NUMBER AND HORSEPOWER OF TYPES OF PRIME MOVERS: 1919, 1914, AND 1909.

POWER.	NUMBER OF ENGINES OR MOTORS.			HORSEPOWER.					
	1919	1914	1909	Amount.			Per cent distribution.		
				1919	1914	1909	1919	1914	1909
Primary power, total.....	18,730	9,199	6,470	406,768	263,753	218,244	100.0	100.0	100.0
Owned.....	3,076	3,346	3,523	251,606	219,956	200,205	61.9	83.4	91.7
Steam ¹	2,287	2,574	2,693	177,106	196,199	182,395	43.5	74.4	83.6
Engines.....	2,191	(²)	(²)	149,756	(²)	(²)	36.8		
Turbines.....	96	(²)	(²)	27,350	(²)	(²)	6.7		
Internal-combustion engines.....	567	522	504	65,493	13,822	5,736	16.1	5.2	2.6
Water.....	222	250	326	9,007	9,935	12,074	2.2	3.8	5.5
Water wheels and turbines.....	222	244	309	9,007	9,873	11,953	2.2	3.7	5.5
Water motors.....		6	17		62	121		(³)	0.1
Rented.....	15,654	5,853	2,947	155,162	43,797	18,039	38.1	16.6	8.3
Electric.....	15,654	5,853	2,947	155,031	42,243	17,108	38.1	16.0	7.8
Other.....				131	1,554	931	(³)	0.6	0.4
Electric.....	20,979	10,137	5,024	313,811	117,707	44,921	100.0	100.0	100.0
Rented.....	15,654	5,853	2,947	155,031	42,243	17,108	49.4	35.9	38.1
Generated by establishments reporting.....	5,325	4,284	2,077	158,780	75,464	27,813	50.6	64.1	61.9

¹ Figures for horsepower include for 1909 the amount reported under the head of "Other" owned power. ² Not reported separately. ³ Less than one-tenth of 1 per cent.

TABLE 18.—FUEL CONSUMED, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919.

INDUSTRY AND CITY.	COAL.		Coke (tons, 2,000 pounds).	Fuel oils (barrels).	Gasoline and other volatile oils (barrels).	Gas (1,000 cubic feet).
	Anthracite (tons, 2,240 pounds).	Bituminous (tons, 2,000 pounds).				
All industries.....1919..	65,239	2,020,167	436,764	1,086,424	33,204	1,270,991
.....1914..	127,598	1,425,508	320,133	622,694	(¹)	1,102,357
Per cent of increase ²	-48.9	41.7	36.4	79.8	(¹)	15.3
Baking powders and yeast.....	64	7,797				916
Boxes, paper and other, not elsewhere specified.....	158	5,001		6,300	5	1,260
Brass, bronze, and copper products.....	3,358	3,673	1,256	15,528	70	4,752
Bread and other bakery products.....	8,931	10,186	403	133	413	17,328
Brick and tile, terra-cotta, and fire-clay products.....	178	88,526		156	13	
Canning and preserving, fruits and vegetables.....	1,194	37,502		291	2,219	207
Cars and general shop construction and repairs by steam-railroad companies.....		108,561	1,489	25,523	6	6,682
Chemicals.....		66,705	42	15,003		7,200
Clothing, men's.....	1,326	9,223		18	53	20,490
Confectionery and ice cream.....	2,723	9,830	136	212	714	134,997
Cotton goods.....	30	21,402			60	
Fertilizers.....	199	27,204	75	3,151	157	
Flour-mill and grist-mill products.....	1,893	10,683		2,156	1,035	439
Food preparations, not elsewhere specified.....	338	5,109		2	20	1,028
Foundry and machine-shop products.....	2,486	12,752	13,564	7,215	291	12,702
Furniture.....	415	8,160		3	1	1,599
Gas, illuminating and heating.....	4,218	52,898		16,084		
Glass.....	32	35,407	1,440	49,045	102	20,550
Ice, manufactured.....	6,650	84,691		4,639	274	4,000
Iron and steel, steel works and rolling mills.....	157	107,625	3,713	529,811	250	835,590
Leather, tanned, curried, and finished.....	2	13,577				
Lime.....	3,359	5,442	15,918	32	247	
Liquors, malt.....	2,058	24,568			290	
Paints.....	13	9,048			35	138
Paper and wood pulp.....		171,970			55	
Paving materials.....		16,967		119	150	
Petroleum, refining.....	3,277	54,262	39,548	287,463	20,465	
Pottery.....	468	8,811				
Shipbuilding, steel.....	5,338	33,676	3,314	19,060	1,200	329
Slaughtering and meat packing.....	3,772	48,461		12	21	299
Stamped and enameled ware, not elsewhere specified.....	44	20,918	1,469	9,439	10	17,439
All other industries.....	12,558	899,532	354,397	95,029	5,048	183,046
Total for cities.....	47,832	937,779	74,818	539,996	28,739	439,236
ANNAPOLIS.....	110	7,073	6		1	
BALTIMORE.....	43,413	792,258	68,658	509,589	28,218	401,025
CUMBERLAND.....	39	83,520	1,548	15,955	453	35,503
FREDERICK.....	1,490	13,143	3,824	2,267	20	145
HAGERSTOWN.....	2,780	41,785	782	12,185	47	2,563

¹ Included in figures for fuel oils.

² A minus sign (—) denotes decrease.

SPECIAL STATISTICS.

For a number of important industries the Census Bureau collects, by means of special schedules, certain details which do not appear on the general schedule. Data for seven of these industries are here presented.

Shipbuilding, including boat building (Tables 19 and 20).—This industry includes the building and repairing of steel and wooden vessels, as well as small craft, and the manufacture of masts, spars, oars, and rigging. Comparisons of the 1919 figures for this industry, unlike those for any other for which totals are presented, are made with those of the special census for shipbuilding, 1916. The number and tonnage of all vessels launched in 1919 and 1916 are shown, by classes, in the following table:

TABLE 19.—SHIPBUILDING, INCLUDING BOAT BUILDING—NUMBER AND TONNAGE: 1919 AND 1916.

	1919		1916	
	Num-ber.	Gross ton-nage.	Num-ber.	Gross ton-nage.
Vessels, 5 gross tons and over, launched during the year.....	104	153,795	66	57,767
Steel.....	26	131,012	17	45,833
Steam.....	24	126,829	12	32,783
Motor.....	2	4,183	5	13,045
Unrigged.....	2	4,183	2	4,183
Wooden.....	78	22,783	49	11,934
Steam.....	9	3,071	1	73
Motor.....	9	166	13	592
Sail, with auxiliary power.....	2	2,147	2	1,360
Sail, without auxiliary power.....	2	2,147	1	75
Unrigged.....	58	17,399	32	9,834
Power boats, less than 5 gross tons.....	28	.....	51	.....

The increase in iron and steel tonnage from 1916 to 1919 was far in excess of the increase in wooden tonnage during the same period, the increases being 185.8 and 90.9 per cent, respectively.

Twenty-four of the 26 steel vessels launched in 1919 were propelled by steam. Ten were designed for freight service, 11 for oil tankers, 1 for towing, and 2 for mine sweepers. Sixteen of these vessels were launched at Sparrows Point and 10 at Baltimore.

The value of work upon vessels of all kinds during 1919 and 1916 is shown in the following table:

TABLE 20.—SHIPBUILDING, INCLUDING BOAT BUILDING—VALUE: 1919 AND 1916.

	1919	1916
Total value of work	\$67,309,914	\$12,205,557
Work done during the year on new vessels, 5 gross tons and over	53,323,374	8,934,761
Steel	49,329,806	8,380,836
Wood	3,993,568	553,925
Boats of less than 5 tons	13,003	41,054
Power boats of all kinds	10,753	26,575
Sailboats, rowboats, etc	2,250	14,479
Repair work	12,279,775	3,046,777
Steel	10,485,795	2,462,559
Wood	1,793,980	584,218
All other products	1,693,762	182,965

Of the 78 wooden vessels launched during 1919, 58 were unrigged, mostly used as lighters.

Slaughtering and meat packing (Table 21).—This table presents for the census years 1919, 1914, and 1909 the kind, number, and cost of animals slaughtered, the cost of all other materials, which includes poultry, dressed meats purchased for curing, cottonseed oil for making lard compounds and substitutes, curing materials, seasoning, refrigeration, materials for making ice, containers, fuel, rent of power, mill supplies, contract work, and freight; and the kind, quantity, and value of the principal products that can be shown without disclosing individual operations. The value of the products that can not be shown separately and minor and auxiliary specified products are grouped under "All other products," and include beef, pickled and other cured, canned goods, lard, oleo and other oils, canned sausage, grease, soap stock, oleo stearin, casings, hoofs, horns, horntips, strips, and waste, glue, skins (other than cattle, calf, and sheep), hog and cattle hair, and ice.

The number of animals slaughtered indicates the growth of the industry; the number in 1919 was 847,703 and in 1914, 734,220, an increase of 113,483, or 15.5 per cent. This increase was in all classes.

The cost of materials and value of products increased in a much greater ratio and was largely due to inflated values on account of the World War. The cost of all materials increased \$19,753,264, or 143.5 per cent, and the cost of animals slaughtered increased \$14,819,687, or 135.3 per cent. The total value of products increased \$24,832,081, or 149.5 per cent. All classes of products increased in value, but there was a production decrease in pork, pickled and other cured, of 2,933,774 pounds, sausage of 2,571,692 pounds, lard of 1,200,910 pounds, and tallow and oleo stock of 211,421 pounds. The manufacture of lard compounds and substitutes increased 2,493,029 pounds, which more than offset the decrease in lard, and indicated the increasing popularity of this product's use for culinary purposes in this state.

TABLE 21.—SLAUGHTERING AND MEAT PACKING: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost.....	\$33,520,233	\$13,766,969	\$11,282,938
Animals slaughtered, cost.....	\$25,775,352	\$10,955,665	\$8,063,804
Bees—			
Number.....	75,469	44,738	36,251
Cost.....	\$8,337,572	\$3,250,400	\$1,966,380
Calves—			
Number.....	60,530	26,278	23,137
Cost.....	\$1,395,074	\$276,447	\$205,270
Sheep and lambs—			
Number.....	57,266	40,578	19,173
Cost.....	\$593,403	\$213,175	\$88,282
Hogs—			
Number.....	654,438	622,626	554,761
Cost.....	\$15,089,303	\$7,215,643	\$5,803,872
All other materials, cost.....	\$7,744,881	\$2,811,304	\$3,219,134

TABLE 21.—SLAUGHTERING AND MEAT PACKING: 1919, 1914, AND 1909—Continued.

PRODUCTS.	1919	1914	1909
Total value.....	\$41,439,448	\$16,607,367	\$13,394,192
Fresh meat, value.....	\$16,419,798	\$5,913,753	\$3,817,392
Beef—			
Pounds.....	36,458,212	23,144,799	19,979,567
Value.....	\$7,532,750	\$2,836,331	\$1,758,714
Veal—			
Pounds.....	4,434,770	1,612,205	1,482,710
Value.....	\$1,062,417	\$225,152	\$177,732
Mutton and lamb—			
Pounds.....	1,932,040	1,541,215	630,729
Value.....	\$503,503	\$217,216	\$77,541
Pork—			
Pounds.....	21,406,406	16,172,217	13,166,197
Value.....	\$6,521,137	\$2,362,933	\$1,762,932
Edible offal and other fresh meat—			
Pounds.....	8,639,216	3,815,685	264,515
Value.....	\$799,991	\$272,121	\$40,473
Pork, pickled and other cured:			
Pounds.....	33,222,353	36,156,127	28,231,007
Value.....	\$11,340,198	\$5,501,956	\$3,648,005
Sausage:			
Pounds.....	8,095,159	10,666,851	11,713,817
Value.....	\$1,944,920	\$1,338,165	\$1,086,961
Meat puddings, scrapple, headcheese, etc.:			
Pounds.....	2,176,550	1,011,907	(1)
Value.....	\$405,681	\$106,431	(1)
Lard:			
Pounds.....	9,341,568	10,542,478	9,577,942
Value.....	\$2,667,575	\$1,219,403	\$1,162,407
Lard compounds and substitutes:			
Pounds.....	9,785,576	7,292,547	(1)
Value.....	\$2,368,919	\$627,395	(1)
Tallow and oleo stock:			
Pounds.....	3,330,154	3,541,575	1,469,135
Value.....	\$480,354	\$230,794	\$89,977
Fertilizers and fertilizer materials:			
Tons.....	14,385	6,368	21,827
Value.....	\$553,445	\$150,745	\$398,965
Hides, cattle and calf:			
Number.....	135,875	71,016	58,891
Pounds.....	4,651,767	2,896,539	2,755,685
Value.....	\$1,772,537	\$493,931	\$349,077
Sheep pelts:			
Number.....	56,951	40,578	19,173
Value.....	\$146,224	\$17,949	\$16,963
All other products, value.....	\$3,339,797	\$1,006,845	\$2,824,445

¹ Not reported separately.

Fertilizers (Table 22).—This table shows the quantities and values of the chief products of the fertilizer industry in Maryland in 1919, 1914, and 1909. Measured by value of products, the state ranked second among the states in all three years, Georgia ranking first. A progressive increase is shown for both quantity production and values, with an increase in average ton value from \$15 in 1909 and 1914 to \$29 in 1919.

TABLE 22.—FERTILIZERS: 1919, 1914, AND 1909.

	1919	1914	1909
Total value of products.....	\$37,014,097	\$13,986,704	\$9,672,786
Fertilizers:			
Tons (2,000 pounds).....	1,209,426	875,669	608,699
Value.....	\$34,997,060	\$13,482,931	\$8,983,265
Complete and ammoniated fertilizers—			
Tons.....	485,854	516,856	318,542
Value.....	\$20,928,804	\$10,010,751	\$6,015,143
Superphosphates and concentrated phosphates—			
Tons.....	635,856	222,401	184,524
Value.....	\$10,661,824	\$1,790,875	\$1,838,959
Other fertilizers—			
Tons.....	87,716	136,412	105,633
Value.....	\$3,406,432	\$1,681,275	\$1,129,163
All other products, value.....	\$2,017,037	\$593,773	\$689,521

Canning and preserving (Table 23).—The quantity and value of the various products of this industry for 1919, 1914, and 1909 are given in the following

table. The case consists of 24 standard-size No. 2 cans for beans, corn, peas, blackberries, gooseberries, strawberries, and cherries, and No. 3 cans for all others except tomato pulp, for which No. 10 cans were used.

TABLE 23.—CANNING AND PRESERVING: 1919, 1914, AND 1909.

	1919	1914	1909
Total value.....	¹ \$30,566,097	¹ \$18,028,779	\$13,709,449
Canning and preserving, fruits and vegetables.....	\$28,421,544	\$16,448,869	\$12,393,905
Canning and preserving, fish and oysters.....	\$1,051,695	\$1,194,518	\$988,831
Pickles, preserves, and sauces.....	\$1,092,858	\$385,392	\$326,713
Canned vegetables.....	\$20,951,330	\$14,504,612	\$10,779,540
Tomatoes:			
Cases.....	2,975,567	6,564,314	5,747,477
Value.....	\$10,059,221	\$9,710,462	\$7,674,960
Corn:			
Cases.....	2,342,359	1,482,093	772,828
Value.....	\$5,448,073	\$1,939,295	\$1,039,905
Beans:			
Cases.....	757,203	646,196	611,287
Value.....	\$1,774,344	\$360,117	\$778,732
Peas:			
Cases.....	616,446	545,022	381,894
Value.....	\$1,696,504	\$353,570	\$619,981
Spinach:			
Cases.....	226,186	275,841	110,882
Value.....	\$696,778	\$468,651	\$188,852
Sweet potatoes:			
Cases.....	167,274	126,259	136,252
Value.....	\$544,394	\$205,261	\$206,919
Tomato pulp:			
Cases.....	39,566	(2)	(2)
Value.....	\$210,751	(2)	(2)
Tomato paste:			
Cases.....	33,928	(2)	(2)
Value.....	\$123,394	(2)	(2)
Succotash:			
Cases.....	47,260	(2)	(2)
Value.....	\$109,635	(2)	(2)
All other:			
Cases.....	83,101	267,902	156,852
Value.....	\$288,236	\$467,256	\$270,191
Canned fruits.....	\$4,832,365	\$1,269,999	\$1,095,014
Peaches:			
Cases.....	223,372	191,760	80,489
Value.....	\$1,316,663	\$319,021	\$158,839
Pineapples:			
Cases.....	149,931	65,830	67,695
Value.....	\$1,308,354	\$237,320	\$252,384
Pears:			
Cases.....	163,825	121,859	67,427
Value.....	\$777,105	\$221,395	\$111,949
Strawberries:			
Cases.....	57,133	63,562	106,724
Value.....	\$592,352	\$187,321	\$228,860
Apples:			
Cases.....	98,806	83,567	111,347
Value.....	\$318,205	\$125,578	\$168,458
Blackberries:			
Cases.....	41,552	28,115	29,884
Value.....	\$229,197	\$45,174	\$39,316
Raspberries:			
Cases.....	25,321	9,716	14,052
Value.....	\$203,893	\$17,906	\$25,619
Cherries:			
Cases.....	5,346	25,383	10,092
Value.....	\$44,006	\$48,246	\$18,201
Gooseberries:			
Cases.....	8,078	42,617	53,513
Value.....	\$32,582	\$55,372	\$77,987
All other:			
Cases.....	2,867	8,699	9,017
Value.....	\$10,008	\$12,666	\$13,398
Pickles, preserves, and sauces, value....	\$1,092,858	\$385,392	\$326,713
Canned oysters, value.....	\$670,796	\$1,088,744	\$761,198
Canned, smoked, and salted fish, clams, and crabs, value.....	\$316,886	\$105,774	\$227,633
All other products, value.....	\$2,701,862	\$674,258	\$519,351

¹ Does not include 195,204 cases of canned vegetables valued at \$588,773, canned fruits, 81,051 cases valued at \$542,207, canned oysters, 273,773 cases, to the value of \$1,184,084, and pickles, preserves, and sauces to the value of \$94,628, in 1919; 195,961 cases of vegetables, valued at \$305,984, 51,781 cases of canned fruits valued at \$125,137, 28,189 cases of canned oysters valued at \$38,347, and pickles, preserves, and sauces valued at \$50,745, in 1914, reported by establishments engaged in other industries.

² Included in "All other" in 1914 and 1909.

Flour-mill and gristmill products (Table 24).—This table shows the kinds, quantities, and values of the different products of this industry for 1919, 1914, and 1909.

TABLE 24.—FLOUR-MILL AND GRISTMILL PRODUCTS (MERCHANT MILLS): 1919, 1914, AND 1909.

	1919	1914	1909
Total value.....	\$19,004,169	\$8,163,869	\$9,267,903
Wheat flour:			
Barrels.....	1,282,219	1,105,577	1,130,165
Value.....	\$13,107,473	\$5,152,538	\$6,097,871
Rye flour:			
Barrels.....	835	2,211	5,296
Value.....	\$5,231	\$8,820	\$23,304
Buckwheat flour:			
Barrels.....	1,632,083	1,564,878	2,558,744
Value.....	\$91,642	\$50,783	\$69,279
Corn meal and corn flour:			
Barrels.....	128,005	170,431	230,332
Value.....	\$1,019,061	\$605,583	\$741,075
Hominy and grits:			
Pounds.....	326,350	2,464,035	2,289,617
Value.....	\$14,820	\$46,961	\$38,966
Bran and middlings:			
Tons.....	50,633	49,202	
Value.....	\$2,609,699	\$1,315,693	\$1,804
Feed and offal:			
Tons.....	16,876	32,947	\$2,174,260
Value.....	\$1,035,674	\$973,570	
All other products, value.....	\$1,120,569	\$9,921	\$123,148

Cotton goods (Table 25).—The principal statistics relating to the cotton-goods industry are presented for the census years 1919, 1914, and 1909.

The quantity of domestic cotton consumed in 1919 increased 14.7 per cent as compared with 1914 and 6.3 per cent as compared with 1909. The consumption of cotton for census years reached its peak in 1899, when it amounted to 39,901,955 pounds.

During the past 20 years the yardage of woven goods has shown a steady decrease, the production having been 33,910,582 square yards in 1899, 22,801,376 square yards in 1904, 21,428,788 square yards in 1909, 17,940,482 square yards in 1914, and 17,915,469 square yards in 1919.

TABLE 25.—COTTON GOODS: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost.....	\$11,427,557	\$4,452,325	\$4,011,741
Domestic cotton:			
Pounds.....	29,196,868	25,444,796	27,460,792
Cost.....	\$8,937,212	\$2,979,256	\$3,230,428
Cotton yarn, purchased:			
Pounds.....	2,706,157	4,746,710	2,254,334
Cost.....	\$1,562,846	\$806,266	\$414,199
Fuel and rent of power, cost.....	\$288,336	\$130,058	\$86,911
All other materials, cost.....	\$639,163	\$536,745	\$280,203
PRODUCTS.			
Total value.....	\$18,454,957	\$6,790,935	\$5,522,293
Duck:			
Pounds.....	17,122,700	(1)	(1)
Square yards.....	13,818,116	13,212,532	13,872,294
Value.....	\$10,405,023	\$3,846,524	\$3,478,113
Other woven goods:			
Pounds.....	4,777,844	(1)	(1)
Square yards.....	4,097,353	4,727,950	7,556,494
Value.....	\$3,726,519	\$802,760	\$958,335
All other products, value.....	\$4,323,415	\$2,141,651	\$1,085,845

† Figures not available.

Duck continues to be the outstanding product of the industry. It constituted 77.1 per cent of the yardage of woven goods in 1919, 73.6 per cent in 1914, 64.7 per cent in 1909, 62.1 per cent in 1904, and 74.1 per cent in 1899.

Printing and publishing (Table 26).—This table gives the number and aggregate circulation per issue of the newspapers and periodicals published in Maryland as reported at the censuses of 1919, 1914, and 1909.

The gain in aggregate circulation of all publications between 1914 and 1919 was 133,003, or 14.2 per cent. The greatest gain for the five-year period from 1914 to 1919 was in the circulation of weekly publications. True to the record in many other states the number of weekly publications decreased considerably, but, notwithstanding this, the aggregate circulation per issue increased 44,328, or 27.5 per cent, due principally to the increases in circulation of race, manufacturing, and religious papers.

Of the daily circulation, 264,727, or 60.4 per cent, was reported by the 11 afternoon newspapers, a gain of 62,667, or 31 per cent, for the five-year period from 1914 to 1919. The increase in Sunday newspaper circulation for the same period was 73,379, or 27.6 per cent.

Of foreign-language publications there were 5 with a circulation of 11,900. Three were weeklies—1 in Bohemian, 1 in German, and 1 in Polish; there was 1 semimonthly in Yiddish and 1 monthly publication printed in English, French, German, and Spanish.

TABLE 26.—PRINTING AND PUBLISHING: 1919, 1914, AND 1909.

PERIOD OF ISSUE.	NUMBER OF PUBLICATIONS.			AGGREGATE CIRCULATION PER ISSUE.		
	1919	1914	1909	1919	1914	1909
Total.....	175	182	163	1,071,367	938,364	800,550
Daily.....	18	19	18	438,635	400,680	310,870
Sunday.....	3	4	5	339,196	265,817	182,582
Semiweekly ¹	3	3	3	14,149	12,862	18,075
Weekly.....	104	125	120	205,373	161,045	185,554
Monthly ²	28	18	13	53,579	89,670	100,069
Quarterly ³	19	13	4	20,435	8,290	3,400

¹ Includes in 1919, 1914, and 1909, 1 triweekly.

² Includes in 1919, 3, and in 1914, 2 semimonthlies.

³ Includes in 1919, 8 bimonthlies; in 1914, 1 bimonthly and 1 "All other"; and in 1909, 2 semimonthlies.

Power laundries (Table 27).—Statistics for power laundries are not included in the general tables nor in the totals for manufacturing industries. Table 27, however, summarizes the statistics for such laundries in the state of Maryland for 1919 and 1914.

TABLE 27.—POWER LAUNDRIES: 1919 AND 1914.

	NUMBER OR AMOUNT.		Percent of increase, ¹ 1914-1919.
	1919	1914	
Number of establishments.....	46	54	.....
Persons engaged.....	1,888	1,921	-1.7
Proprietors and firm members.....	39	62	.....
Salaried employees.....	230	144	59.7
Wage earners (average number).....	1,619	1,715	-5.6
Primary horsepower.....	2,341	2,211	5.9
Capital.....	\$1,519,051	\$1,164,371	30.5
Salaries and wages.....	1,254,957	697,967	79.8
Salaries.....	286,507	104,175	175.0
Wages.....	968,450	593,792	63.1
Paid for contract work.....	1,514	.....	.....
Rent and taxes.....	47,920	43,389	10.4
Cost of materials.....	690,733	259,456	166.2
Amount received for work done.....	2,640,686	1,391,902	89.7

¹ A minus sign (—) denotes decrease; percentages are omitted where base is less than 100.

Dyeing and cleaning (Table 28).—Statistics for dyeing and cleaning establishments that were operated by mechanical power in 1919 are presented in this table. Statistics for such establishments are not included in the general tables nor in the totals for manufacturing industries for censuses since 1900. This presentation is the first of its kind that has been made since the census statistics were confined to manufacturing industries as distinguished from hand trades, household industries, etc.

TABLE 28.—DYEING AND CLEANING: 1919.

	Number or amount.
Number of establishments.....	9
Persons engaged.....	598
Proprietors and firm members.....	7
Salaried employees.....	150
Wage earners (average number).....	441
Primary horsepower.....	721
Capital.....	\$1,072,586
Salaries and wages.....	402,764
Salaries.....	153,003
Wages.....	249,761
Paid for contract work.....	6,134
Rent and taxes.....	62,855
Cost of materials.....	154,711
Amount received for work done.....	1,011,843

Custom gristmills and custom sawmills (Tables 29 and 30).—Statistics for custom gristmills and custom sawmills are not included in the general tables nor in the totals for manufacturing industries. Data for these custom mills were not collected in 1914. Tables 29 and 30 summarize the statistics for such mills for 1919 and 1909. The value of products for custom gristmills represents the selling value of the grain milled, and for the sawmills the amount charged for the work performed.

TABLE 29.—CUSTOM GRISTMILLS: 1919 AND 1909.

	NUMBER OR AMOUNT.		Percent of increase, ¹ 1909-1919.
	1919	1909	
Number of establishments.....	66	114	-42.1
Persons engaged.....	86	148	-41.9
Proprietors and firm members.....	71	129	-45.0
Salaried employees.....	.....	1	.....
Wage earners (average number).....	15	18	.....
Primary horsepower.....	1,330	2,123	-37.4
Capital.....	\$179,805	\$181,625	-1.0
Salaries and wages.....	10,422	5,722	82.1
Salaries.....	.....	250	.....
Wages.....	10,422	5,472	90.5
Rent and taxes.....	2,291	4,285	-46.5
Cost of materials ²	465,996	399,939	16.5
Value of products ²	556,547	484,793	14.8

¹ A minus sign (—) denotes decrease. Percentages are omitted where base is less than 100.

² Includes estimate of all grain ground.

TABLE 30.—CUSTOM SAWMILLS: 1919 AND 1909.

	NUMBER OR AMOUNT.		Percent of increase, ¹ 1909-1919.
	1919	1909	
Number of establishments.....	131	126	4.0
Persons engaged.....	222	435	-49.0
Proprietors and firm members.....	147	158	-7.0
Salaried employees.....	.....	1	.....
Wage earners (average number).....	75	276	-72.8
Primary horsepower.....	2,353	2,492	-5.6
Capital.....	\$142,579	\$196,099	-27.3
Salaries and wages.....	51,725	69,779	-25.9
Salaries.....	.....	100	.....
Wages.....	51,725	69,679	-25.8
Rent and taxes.....	980	1,025	-4.4
Cost of materials.....	12,278	2,157	469.2
Amount received for work done.....	130,586	173,450	-24.7

¹ A minus sign (—) denotes decrease.

GENERAL TABLES.

Table 31 gives for 1919, 1914, and 1909 for selected industries in the state and in Baltimore the number of establishments, average number of wage earners, primary horsepower, wages, cost of materials, and value of products; and for Cumberland, Frederick, and Hagerstown, similar data for all industries combined.

Table 32 presents for 1919 for the state as a whole and for Baltimore statistics in detail for each industry for which figures can be shown without disclosing the operations of individual establishments; and for Annapolis, Cumberland, Frederick, and Hagerstown, similar data for all industries combined.

MANUFACTURES—MARYLAND.

TABLE 31.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909.

INDUSTRY AND CITY.	Cen- sus year.	Num- ber of estab- lish- ments	Wage earn- ers (aver- age num- ber).	Pri- mary horse- power.	Wages.	Cost of mate- rials.	Value of prod- ucts.	INDUSTRY AND CITY.	Cen- sus year.	Num- ber of estab- lish- ments	Wage earn- ers (aver- age num- ber).	Pri- mary horse- power.	Wages.	Cost of mate- rials.	Value of prod- ucts.
					Expressed in thousands.								Expressed in thousands.		
THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.															
All industries.....	1919	4,937	140,342	406,768	\$147,867	\$549,347	\$873,945	Foundry and machine-shop products. ⁴	1919	391	7,183	15,733	\$9,188	\$12,519	\$31,581
	1914	4,797	111,585	263,753	53,792	238,972	377,749		1914	179	4,423	8,477	2,729	5,122	10,659
	1909	4,837	107,921	218,244	45,436	199,049	315,669		1909	157	4,798	6,785	2,751	5,956	11,977
Automobile bodies and parts.	1919	35	233	422	279	438	1,034	Furnishing goods, men's.....	1919	29	4,075	1,642	2,288	8,297	14,596
	1914	10	54	83	35	62	210		1914	15	561	94	192	611	1,142
	1909								1909	26	436	53	155	494	895
Boots and shoes.....	1919	13	986	582	794	3,107	4,662	Furniture.....	1919	47	1,645	3,358	1,547	2,990	6,828
	1914	7	595	242	278	824	1,447		1914	45	1,998	2,892	1,012	1,823	3,784
	1909	14	594	252	239	912	1,431		1909	48	1,856	2,876	835	1,601	3,350
Boxes, paper and other, not elsewhere specified.	1919	23	1,898	2,099	1,430	3,406	6,234	Gas, illuminating and heat- ing.	1919	16	875	2,831	1,272	2,858	6,448
	1914	21	905	611	292	625	1,279		1914	18	1,234	1,677	398	1,405	4,157
	1909	17	684	365	183	395	853		1909	18	476	1,555	220	629	3,223
Brass, bronze, and copper products.	1919	20	926	7,362	1,039	2,996	5,058	Glass.....	1919	8	1,755	1,848	1,643	1,039	4,032
	1914	15	392	2,078	243	753	1,173		1914	6	1,184	1,030	783	400	1,501
	1909	17	219	243	98	432	748		1909	7	1,052	427	505	237	1,038
Bread and other bakery products.	1919	424	2,381	2,356	2,368	12,898	20,494	Hats, straw.....	1919	7	1,385	1,186	1,030	1,975	4,719
	1914	523	2,038	2,220	1,027	4,630	8,098		1914	7	2,173	1,307	1,040	2,392	4,826
	1909	516	1,962	1,212	893	4,363	6,868		1909	7	1,694	930	688	1,783	3,347
Brick and tile, terra-cotta, and fire-clay products.	1919	30	1,207	6,147	1,099	1,113	3,207	Ice, manufactured.....	1919	61	632	11,973	709	977	2,717
	1914	41	1,721	6,258	720	498	1,645		1914	62	532	11,463	325	422	1,563
	1909	56	1,946	6,151	779	455	1,728		1909	42	355	7,192	230	300	1,022
Brushes.....	1919	9	771	868	500	1,894	3,509	Knit goods.....	1919	7	749	606	367	1,773	2,687
	1914	9	559	813	297	1,051	1,862		1914	10	1,077	443	344	644	1,116
	1909	11	488	558	218	648	1,124		1909	11	1,022	460	234	697	1,172
Butter and condensed milk..	1919	15	88	394	83	1,453	1,790	Leather goods ⁵	1919 [*]	37	286	185	241	727	1,304
	1914	32	61	452	34	463	583		1914	54	244	163	129	458	813
	1909	44	69	522	39	524	654		1909	43	326	182	150	607	1,043
Canning and preserving ¹	1919	460	8,023	16,093	3,932	21,987	30,566	Leather, tanned, curried, and finished.	1919	7	517	1,630	479	4,356	6,263
	1914	465	8,640	10,698	2,402	12,958	18,029		1914	10	440	1,458	229	2,629	3,485
	1909	468	8,613	7,007	1,926	10,090	13,709		1909	13	466	1,321	211	2,114	2,661
Cars and general shop con- struction and repairs by electric-railroad companies.	1919	6	927	591	1,176	647	1,904	Lime.....	1919	36	468	2,111	263	551	1,049
	1914	5	589	66	356	233	653		1914	25	236	605	99	152	390
	1909	5	538	217	260	201	483		1909	43	397	942	128	132	420
Cars and general shop con- struction and repairs by steam-railroad companies.	1919	17	8,363	14,341	11,627	9,498	22,837	Liquors, malt.....	1919	8	597	4,383	917	1,573	6,374
	1914	20	5,969	6,056	3,955	8,880	13,229		1914	14	1,073	6,836	945	2,166	7,252
	1909	21	5,549	7,308	3,535	5,193	9,059		1909	20	909	6,187	711	1,569	5,690
Clothing, men's, including shirts.	1919	331	11,742	3,355	12,309	39,208	72,589	Lumber and timber prod- ucts. ⁶	1919	500	5,022	24,622	3,981	9,736	18,744
	1914	301	18,062	6,110	7,317	20,598	39,048		1914	493	6,115	22,792	2,725	6,182	11,911
	1909	359	19,784	4,061	7,563	20,966	36,921		1909	561	7,003	23,553	2,457	6,507	12,134
Clothing, women's.....	1919	125	2,822	574	2,058	7,758	13,884	Marble and stone work.....	1919	83	563	1,507	645	802	1,968
	1914	90	3,026	475	1,170	3,296	6,015		1914	102	990	3,212	579	783	1,831
	1909	72	2,641	370	888	2,285	4,351		1909	89	1,455	4,241	793	957	2,427
Coffee and spice, roasting and grinding.	1919	15	203	575	160	4,692	5,884	Mattresses and spring beds, not elsewhere specified.	1919	20	243	547	222	807	1,574
	1914	14	169	494	84	3,174	4,393		1914	17	244	239	107	446	784
	1909	15	169	531	77	2,431	2,878		1909	19	198	178	86	469	729
Confectionery and ice cream ² .	1919	170	3,008	6,349	2,124	11,336	17,995	Mineral and soda waters.....	1919	63	223	430	261	957	1,785
	1914	127	1,707	2,443	618	3,097	4,843		1914	57	185	178	101	256	559
									1909	53	169	144	87	170	443
Cooperage.....	1919	29	173	129	166	597	1,414	Oil, not elsewhere specified..	1919	6	118	753	143	2,343	3,123
	1914	34	259	328	139	390	696		1914	3	9	1	5	95	121
	1909	40	323	441	135	358	617								
Copper, tin, and sheet-iron products. ³	1919	108	8,163	11,277	7,508	26,466	40,636	Paint and varnish.....	1919	17	263	711	279	2,453	3,466
	1914	114	7,712	7,308	4,078	16,717	25,491		1914	9	145	453	82	670	1,027
	1909	81	5,275	5,532	2,076	10,808	16,909		1909	12	127	450	55	700	1,001
Cotton goods.....	1919	14	3,416	17,323	2,991	11,428	18,455	Paper and wood pulp.....	1919	10	1,408	18,148	1,949	6,816	9,917
	1914	13	3,424	16,975	1,239	4,452	6,791		1914	13	1,586	15,028	926	4,126	6,150
	1909	16	3,966	13,128	1,139	4,012	5,522		1909	13	1,249	11,407	639	3,278	4,894
Fertilizers.....	1919	45	3,102	16,400	3,561	24,695	37,014	Patent medicines and com- pounds and druggists' preparations. ⁷	1919	76	1,461	1,936	1,018	8,430	15,806
	1914	48	1,991	7,242	1,052	9,968	13,987		1914	83	1,053	1,424	432	2,389	5,970
	1909	41	1,439	5,324	617	6,963	9,673		1909	83	1,193	683	429	2,167	5,548
Flour-mill and gristmill products.	1919	247	478	11,351	449	16,357	19,004	Paving materials.....	1919	31	693	4,860	707	442	1,485
	1914	247	473	11,398	241	6,919	8,164		1914	16	548	3,009	295	384	888
	1909	295	506	13,807	227	8,003	9,268								
Food preparations, not else- where specified.	1919	33	421	1,707	359	6,885	9,141	Printing and publishing ⁸	1919	385	4,391	5,540	4,937	9,115	23,835
	1914	43	332	2,191	152	2,357	2,975		1914	368	4,173	7,013	2,652	3,715	11,263
	1909	29	212	1,350	92	1,550	1,863		1909	371	3,386	3,694	1,965	2,464	8,360

¹ Includes "canning and preserving, fish"; "canning and preserving, fruits and vegetables"; "canning and preserving, oysters"; and "pickles, preserves, and sauces."² Includes "chewing gum" in 1914.³ Includes "stamped and enameled ware, not elsewhere specified," and "tinware, not elsewhere specified."⁴ Includes "automobile repairing"; "engines, steam, gas, and water"; "gas machines and gas and water meters"; "hardware"; "iron and steel, cast-iron pipe"; "iron and steel, welding"; "machine tools"; "plumbers' supplies, not elsewhere specified"; "pumps, steam and other power"; "steam fittings and steam and hot-water heating apparatus"; "structural ironwork, not made in steel works or rolling mills," and "textile machinery and parts," in all years; and "bells" in 1914.⁵ Includes "saddlery and harness" and "trunks and valises."⁶ Includes "boxes, wooden packing, except cigar boxes"; "lumber, planing-mill products, not including planing mills connected with sawmills," and "window and door screens," in all years; and "pulpwood" in 1914.⁷ Includes "perfumery and cosmetics."⁸ Includes "bookbinding and blank-book making"; "engraving, steel and copper plate, including plate printing"; and "lithographing."

MANUFACTURES—MARYLAND.

21

TABLE 31.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Continued.

INDUSTRY AND CITY.	Cen- sus year.	Num- ber of estab- lish- ments	Wage earn- ers (aver- age num- ber).	Pri- mary horse- power.	Wages.	Cost of mate- rials.	Value of prod- ucts.	INDUSTRY AND CITY.	Cen- sus year.	Num- ber of estab- lish- ments	Wage earn- ers (aver- age num- ber).	Pri- mary horse- power.	Wages.	Cost of mate- rials.	Value of prod- ucts.	
					Expressed in thousands.								Expressed in thousands.			
THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.																
Shipbuilding, including boat building.	1919	42	19,084	26,539	\$28,887	\$31,000	\$67,310	Tobacco, cigars and ciga- rettes.	1919	146	2,548	460	\$1,918	\$3,551	\$8,190	
	1914	42	2,468	5,979	1,573	2,102	4,521		1914	217	3,212	354	1,184	2,454	5,361	
	1909	46	1,793	6,795	1,098	1,849	3,535		1909							
Silk goods.....	1919	6	839	1,505	456	708	1,534	Umbrellas and canes.....	1919	8	377	47	220	1,803	2,730	
	1914	5	874	1,012	283	424	911		1914	8	484	123	172	987	1,602	
	1909	4	655	915	160	237	512		1909	9	514	95	168	1,076	1,650	
Slaughtering and meat packing. ¹	1919	72	1,664	5,653	2,078	34,948	43,228	All other industries.....	1919	643	21,618	145,227	23,791	186,394	242,092	
	1914	60	1,292	4,102	789	14,136	17,100		1914	673	14,052	77,571	7,755	79,408	105,800	
	1909	54	1,034	3,024	604	11,503	13,683		1909	963	19,987	65,505	8,884	70,759	99,579	
Stoves and hot-air furnaces..	1919	6	329	482	419	548	1,251									
	1914	7	302	277	178	246	650									
	1909	8	394	273	209	205	676									
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.																
BALTIMORE..... All industries.	1919	2,797	97,814	184,885	\$103,129	\$427,756	\$677,878	BALTIMORE—Con.								
	1914	2,502	73,769	99,869	35,509	120,533	215,172		Hats, straw.....	1919	7	1,385	1,186	\$1,030	\$1,975	\$4,719
	1909	2,502	71,444	76,764	31,171	107,024	186,978		1914	7	2,173	1,307	1,040	2,392	4,826	
Bread and other bakery products.	1919	335	2,018	1,890	2,044	10,833	17,600	1909	7	1,694	930	688	1,783	3,347		
	1914	363	1,632	1,817	820	3,751	6,606	Ice, manufactured.....	1919	19	442	8,391	536	593	1,903	
	1909	375	1,632	976	750	3,639	5,716		1914	12	307	6,913	196	252	1,000	
Canning and preserving ²	1919	62	2,490	3,544	1,688	8,754	12,526		1909	12	195	5,102	151	222	694	
	1914	49	3,346	1,985	1,028	5,684	7,789	Leather goods ⁷	1919	19	181	143	171	543	910	
	1909	51	3,166	1,283	844	4,317	5,831		1914	38	216	154	115	415	728	
Cars and general shop con- struction and repairs by steam-railroad companies.	1919	8	4,978	10,284	6,203	7,006	14,421		1909	35	306	181	143	560	963	
	1914	7	3,490	3,328	2,362	7,431	10,039	Lumber and timber prod- ucts. ⁸	1919	56	2,074	8,354	1,692	5,038	8,475	
	1909	8	4,163	6,313	2,705	4,383	7,365		1914	42	2,062	6,678	1,008	2,971	5,073	
Clothing ³	1919	407	13,349	3,491	13,741	45,233	83,466		1909	48	2,016	5,609	894	3,022	4,805	
	1914	353	20,219	6,220	8,277	23,632	44,482	Marble and stone work.....	1919	44	409	1,019	515	613	1,532	
	1909	393	21,168	4,133	8,204	22,951	40,602		1914	51	591	1,746	404	581	1,301	
Coffee and spice, roasting and grinding.	1919	15	203	575	160	4,692	5,884		1909	48	742	1,420	485	758	1,704	
	1914	14	169	494	84	3,174	4,393	Patent medicines and compounds and druggists' preparations. ⁹	1919	67	1,433	2,269	1,001	8,247	15,436	
	1909	15	169	531	77	2,431	2,878		1914	71	1,034	1,337	420	2,337	5,878	
Confectionery and ice cream ⁴ .	1919	103	2,862	5,611	1,994	10,681	16,967		1909	71	1,180	667	426	2,136	5,471	
	1914	75	1,639	2,046	585	2,922	4,552	Printing and publishing ¹⁰ ...	1919	252	3,799	4,899	4,396	8,388	21,850	
	Copper, tin, and sheet-iron products. ⁵	1919	91	8,038	11,179	7,402	25,948		39,877	1914	243	3,609	6,387	2,358	3,452	10,284
1914		98	6,289	5,638	3,284	12,182	18,842		1909	238	2,866	3,194	1,747	2,227	7,553	
1909		58	4,172	4,297	1,675	8,172	12,833	Shipbuilding, wooden, in- cluding boat building.	1919	16	1,244	3,247	1,800	1,460	4,012	
Fertilizers.....	1919	19	2,660	15,897	3,089	21,194	32,293		1914	11	194	656	122	153	350	
	1914	8	781	2,581	405	4,150	6,201		Slaughtering and meat pack- ing. ¹	1919	63	1,609	5,559	2,023	34,056	42,205
	1909	9	578	2,039	251	3,825	5,050	1914		51	702	2,122	414	7,884	9,504	
Food preparations, not else- where specified.	1919	28	318	1,576	313	6,698	8,846	1909		48	808	2,611	479	8,652	10,082	
	1914	43	332	2,191	152	2,357	2,975	Tobacco, cigars and ciga- rettes.	1919	121	2,282	441	1,733	3,221	7,459	
	Foundry and machine-shop products. ⁶	1919	240	5,914	12,517	7,815	9,523		25,209	1914	217	3,212	354	1,184	2,454	5,362
1914		109	3,071	5,603	1,922	3,561	7,688		Umbrellas and canes.....	1919	8	377	47	220	1,803	2,730
1909		101	3,719	4,576	2,205	4,204	9,074	1914		8	484	123	172	987	1,602	
Furnishing goods, men's.....	1919	22	3,900	1,599	2,202	7,877	13,961	1909		9	514	95	168	1,076	1,650	
	1914	15	561	94	192	611	1,142	All other industries.....	1919	758	34,744	79,341	40,230	201,082	290,439	
	1909	23	434	50	137	492	891		1914	583	16,292	38,308	8,232	21,969	51,825	
Furniture.....	1919	37	1,105	1,826	1,131	2,298	5,158		1909	919	20,765	30,966	8,594	31,160	58,272	
	1914	34	1,364	1,787	733	1,231	2,732									
	1909	34	1,157	1,786	548	1,014	2,197									
CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.																
CUMBERLAND.....	1919	82	3,753	10,317	\$4,724	\$8,292	\$15,842	HAGERSTOWN.....	1919	122	4,029	9,532	\$4,109	\$10,401	\$17,663	
	1914	74	2,817	8,098	1,519	3,993	7,113		1914	113	3,574	6,425	1,733	4,318	7,412	
	1909	71	1,936	5,119	948	2,676	4,534		1909	76	1,718	2,068	583	1,798	3,197	
FREDERICK.....	1919	77	1,308	3,204	951	4,883	7,141									
	1914	57	1,146	2,681	520	2,114	3,167									
	1909	55	1,026	1,989	361	2,075	2,911									

¹ Includes "sausage, not made in slaughtering and meat-packing establishments."² Includes "canning and preserving, fish"; "canning and preserving, fruits and vegetables"; and "pickles, preserves, and sauces."³ Includes "clothing, men's"; "clothing, women's"; and "shirts."⁴ Includes "chewing gum" in 1914.⁵ Includes "stamped and enameled ware, not elsewhere specified"; and "tinware, not elsewhere specified."⁶ Includes "automobile repairing"; "engines, steam, gas, and water"; "gas machines and gas and water meters"; "hardware"; "iron and steel, welding"; "machine tools"; "plumbers' supplies, not elsewhere specified"; "pumps, steam and other power"; "steam fittings and steam and hot-water heating apparatus"; "structural ironwork, not made in steel works or rolling mills"; and "textile machinery and parts" in all years; "bells" in 1914, and "iron and steel, cast-iron pipe in 1919."⁷ Includes, "saddlery and harness" and "trunks and valises."⁸ Includes "boxes, wooden packing, except cigar boxes"; "lumber, planing-mill products, not including planing mills connected with sawmills"; and "window and door screens."⁹ Includes, "perfumery and cosmetics."¹⁰ Includes, "engraving, steel and copper plate, including plate printing" and "lithographing" in all years, and "bookbinding and blank-book making" in 1914 and 1909.

MANUFACTURES—MARYLAND.

TABLE 32.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Num-ber of estab-lish-ments	PERSONS ENGAGED IN THE INDUSTRY.								WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.	
		Total.	Pro-prie-tors and firm mem-bers.	Sala-ried offi-cers, super-in-tend-ents, and man-agers.	Clerks, etc.		Wage earners.			Total.	16 and over.		Under 16		
					Male.	Fe-male.	Aver-age num-ber.	Number, 15th day of—			Male.	Fe-male.	Male		Fe-male
								Maximum month.	Minimum month.						

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.

																Dollars.
1	All industries.....	4,937	165,875	5,129	5,755	10,161	4,488	140,342	Oc 160,567	Ap 129,128	(3)	(3)	(3)	(3)	(3)	619,606,983
2	Artificial flowers.....	4	75	5	5	1	.....	64	Mh 78	Ja 53	59	4	46	1	8	139,895
3	Artificial limbs.....	3	7	2	1	.....	1	3	(4) 3	(4) 3	4	3	1	.....	.....	9,025
4	Artificial stone products.....	21	86	19	6	1	1	59	Se 86	Fe 37	72	72	.....	.....	.....	170,788
5	Automobile bodies and parts.....	35	326	36	21	28	8	233	Se 249	Ja 216	251	246	5	.....	.....	701,289
6	Automobile repairing.....	212	1,617	233	101	117	65	1,101	De 1,201	Ja 995	1,207	1,201	3	3	.....	3,315,160
7	Awnings, tents, and sails.....	16	100	15	12	6	2	65	Je 82	Fe 52	71	55	16	.....	.....	297,927
8	Bags, other than paper, not including bags made in textile mills.	12	225	8	13	14	7	183	Au 197	My 164	187	79	107	.....	1	804,321
9	Baking powders and yeast.....	7	223	5	11	29	9	169	Oc 209	Ja 125	187	165	22	.....	.....	681,693
10	Baskets, and rattan and willow ware.	16	69	18	1	1	1	48	Se 57	Ja 35	54	54	.....	.....	.....	42,842
11	Blacking, stains, and dressings.....	6	50	5	3	20	4	18	Ja 19	Ap 16	19	10	9	.....	.....	75,144
12	Bookbinding and blank-book making.	15	206	20	5	5	4	172	Ja 179	Je 161	177	84	81	8	4	395,879
13	Boots and shoes.....	13	1,104	6	54	33	25	986	Oc 1,121	Ja 853	1,116	662	399	37	18	3,588,139
14	Boxes, cigar.....	6	179	7	1	1	1	169	No 183	Ja 154	182	66	109	6	1	150,803
15	Boxes, paper and other, not elsewhere specified.	23	2,118	14	80	87	39	1,898	.....	.....	2,144	1,077	863	93	111	4,225,697
16	Shipping containers.....	4	353	.....	14	14	13	312	No 351	Fe 278	345	181	128	8	28	717,928
17	Set-up paper boxes.....	13	409	11	19	5	9	365	No 405	Ja 312	404	98	254	11	41	456,878
18	All other.....	6	1,356	3	47	68	17	1,221	Oc 1,723	Ap 898	1,395	798	481	74	42	3,050,891
19	Boxes, wooden packing, except cigar boxes.	39	2,131	29	92	29	9	1,972	Jy 2,157	Se 1,862	2,112	1,916	185	11	.....	3,616,335
20	Brass, brouze, and copper products...	20	1,051	11	41	50	23	926	De 993	Mh 828	993	939	51	3	.....	4,539,936
21	Bread and other bakery products.....	424	3,400	446	84	381	108	2,381	De 2,547	Fe 2,238	2,499	1,896	584	17	2	7,644,668
22	Brick and tile, terra-cotta, and fire-clay products.	30	1,341	12	75	29	18	1,207	.....	.....	1,308	1,285	.....	23	.....	7,518,743
23	Building brick.....	20	718	11	45	15	6	641	Au 819	Ja 373	740	740	.....	.....	.....	5,235,618
24	Fire brick.....	5	468	.....	19	3	8	438	Ja 499	De 400	400	377	.....	23	.....	963,682
25	All other.....	5	155	1	11	11	4	128	No 214	Ja 71	168	168	.....	.....	.....	1,319,443
26	Brooms.....	23	334	21	11	13	5	284	No 307	Ja 267	309	228	60	15	6	478,746
27	Brushes.....	9	965	8	46	87	53	771	Ja 800	Se 735	800	610	158	24	8	2,787,581
28	Butter.....	10	18	7	2	.....	.....	9	Je 11	Mh 8	10	9	1	.....	.....	72,460
29	Canning and preserving, fish.....	23	251	42	.....	1	.....	208	Ap 466	Jy 102	554	448	96	4	6	136,325
30	Canning and preserving, fruits and vegetables.	406	8,785	597	310	147	86	7,645	.....	.....	25,002	9,261	15,310	227	204	20,760,946
31	Canned vegetables.....	379	7,451	562	275	112	67	6,435	Se 24,307	Ja 1,024	23,178	8,779	14,003	214	182	18,282,047
32	Canned fruits and dried fruits.....	27	1,334	35	35	35	19	1,210	Au 2,646	Fe 332	1,824	482	1,307	13	22	2,478,899
33	Canning and preserving, oysters.....	5	61	1	5	2	6	47	De 117	Mh 10	110	78	32	.....	.....	72,417
34	Carriages and wagons, including repairs.	42	206	57	3	3	1	142	.....	.....	145	145	.....	.....	.....	310,018
35	Carriages and wagons.....	20	146	28	1	3	1	113	My 116	Oc 107	116	116	.....	.....	.....	253,116
36	Repair work only.....	22	60	29	2	.....	.....	29	Oe 31	Mh 25	29	29	.....	.....	.....	56,902
37	Cars and general shop construction and repairs by electric-railroad companies.	6	965	.....	17	16	5	927	Ja 1,062	De 875	893	826	67	.....	.....	1,222,232
38	Cars and general shop construction and repairs by steam-railroad companies.	17	8,842	.....	236	187	56	8,363	Fe 8,803	Je 7,969	8,402	8,273	129	.....	.....	11,594,990
39	Chemicals.....	8	950	.....	30	92	31	797	No 975	Ja 651	784	773	11	.....	.....	7,890,204
40	Cleansing and polishing preparations...	7	27	6	4	7	2	8	Ja 10	Se 6	11	8	3	.....	.....	72,383
41	Cloth, sponging and refinishing.....	4	53	5	3	2	1	42	De 44	Ja 40	44	44	.....	.....	.....	83,772
42	Clothing, men's.....	284	11,768	398	425	1,032	657	9,256	.....	.....	10,899	5,648	5,105	29	117	34,082,260
43	Regular factories.....	144	10,056	232	420	1,030	652	7,722	.....	.....	9,146	4,607	4,395	27	117	33,798,998
44	Men's and youths'.....	119	8,862	194	379	964	628	6,697	De 7,896	Ap 6,184	7,897	4,362	3,434	19	82	30,648,807
45	Boys'.....	8	351	12	12	24	13	290	De 423	Ap 192	423	71	331	6	15	1,436,761
46	All other.....	17	843	26	29	42	11	735	De 827	Ja 629	826	174	630	2	20	1,713,430
47	Contract work.....	140	1,712	166	5	2	5	1,534	.....	.....	1,753	1,041	710	2	.....	283,262
48	Men's and youths'.....	123	1,495	143	4	1	1	1,346	De 1,476	Ja 1,285	1,469	987	480	2	.....	219,377
49	Boys'.....	10	91	13	.....	.....	.....	78	De 82	Ja 74	98	50	48	.....	.....	21,313
50	All other.....	7	126	10	1	1	4	110	De 177	My 34	186	4	182	.....	.....	42,572
51	Clothing, men's, buttonholes.....	12	48	14	.....	.....	.....	34	(4) 34	(4) 34	35	20	13	2	.....	22,125
52	Clothing, women's.....	125	3,492	166	119	279	106	2,822	.....	.....	3,224	631	2,574	3	16	6,011,205
53	Regular factories.....	113	3,303	156	111	279	93	2,664	.....	.....	3,041	617	2,408	1	15	5,946,509
54	Suits, skirts, and cloaks.....	51	741	75	19	68	18	561	Se 708	Ja 425	622	361	261	.....	.....	1,535,568
55	Shirt waists and dresses, except house dresses.	14	626	20	26	49	16	515	Oe 595	Ja 421	596	47	547	.....	2	851,082
56	Undergarments, petticoats, wrappers, and house dresses.	6	194	7	10	17	7	153	Se 160	Ja 137	153	21	131	.....	1	660,221
57	All other.....	42	1,742	54	56	145	52	1,435	De 1,683	Fe 1,302	1,670	188	1,469	1	12	2,899,638
58	Contract work.....	12	190	10	8	.....	13	158	Se 169	No 138	183	14	166	2	1	64,696
59	Coffee and spice, roasting and grinding.	15	354	11	23	82	35	203	Au 217	Je 189	211	128	78	1	4	3,393,779
60	Condensed milk.....	5	93	.....	6	2	6	79	Jy 89	Mh 55	82	81	1	.....	.....	502,977
61	Confectionery and ice cream.....	170	3,612	190	99	187	128	3,008	.....	.....	3,784	1,322	2,371	14	77	8,402,750
62	Confectionery.....	86	2,936	95	67	159	94	2,521	No 3,334	Jy 1,937	3,315	888	2,337	13	77	6,285,076
63	Ice cream.....	84	676	95	32	28	34	487	Jy 621	Ja 381	469	434	34	1	.....	2,117,674
64	Cooperage.....	29	225	33	10	4	5	173	No 201	Fe 148	204	203	1	.....	.....	759,150
65	Copper, tin, and sheet-iron work.....	73	599	86	34	22	13	444	No 483	My 402	480	473	6	1	.....	1,269,357
66	Cotton goods.....	14	3,716	3	90	124	83	3,416	Fe 3,621	Je 3,310	3,440	1,743	1,658	24	15	16,441,008
67	Cutlery and edge tools.....	4	18	5	1	.....	.....	12	(4) 12	(4) 12	12	12	.....	.....	.....	21,162

¹ Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).

² Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

³ No figures given for reasons stated under "Explanation of terms."

MANUFACTURES—MARYLAND.

23

COMBINED AND SPECIFIED INDUSTRIES: 1919.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.					
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.					Electric horsepower generated in establishments reporting.
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Owned.				
											Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power. ¹		Rent-ed.^{2}

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.

Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.								
20,943,430	21,060,577	147,866,545	8,150,474	2,753,829	21,248,188	527,696,308	21,651,071	873,944,774	324,597,395	406,768	149,756	27,350	65,493	9,007	155,162	158,780	1
7,656	2,471	36,175	964	3,561	1,344	59,892	1,635	159,453	97,926	6					6		2
1,800	364	5,008		699	122	4,004	379	17,656	13,273	7					7		3
9,200	2,080	49,062		2,365	1,135	87,966	2,859	169,994	79,169	148			55		93		4
49,102	55,992	278,635	2,871	16,355	10,998	425,208	12,515	1,034,364	596,641	422			69		353		5
208,767	150,606	1,288,909	37,201	100,753	48,750	2,316,773	52,524	4,874,344	2,505,047	1,094	4		119		971		6
64,540	11,065	78,662	1,098	10,967	6,805	365,313	2,480	611,491	243,698	40					40		7
67,838	24,458	133,529		8,416	58,231	2,721,757	4,132	3,132,886	406,997	177	65				112		8
31,478	41,216	163,471		9,338	53,106	697,922	60,927	1,195,728	436,879	627	240		60		327	60	9
1,842	1,687	46,180	100	3,682	1,160	66,577	1,173	148,241	80,491	56	55				1		10
14,839	8,209	11,685		3,259	1,696	65,643	860	149,969	83,466	9					9		11
8,100	10,023	182,669	1,712	10,054	2,739	240,213	4,689	546,371	301,469	77					77		12
190,007	74,961	793,700	2,698	24,349	103,422	3,085,084	21,949	4,662,351	1,555,318	582	70		12		500		13
2,496	1,991	98,009	887	1,620	1,137	165,778	3,069	377,053	208,206	80			45		35		14
281,153	152,285	1,430,144	6,810	34,109	112,565	3,332,264	73,477	6,234,094	2,828,353	2,099	665		92		1,342	26	15
74,760	46,950	231,774		7,993	19,731	687,957	15,624	1,226,694	523,113	268	60				208	18	16
37,805	16,972	211,411	6,810	17,070	4,508	324,032	7,248	819,928	488,648	244	20		24		200		17
168,588	88,363	986,959		9,046	88,326	2,320,275	50,605	4,187,472	1,816,592	1,587	585		68		934	8	18
303,324	61,933	1,344,552	5,229	39,658	86,501	3,632,652	16,491	6,503,613	2,854,470	6,549	5,615	250	20		664	1,075	19
147,034	106,342	1,039,207		17,365	73,533	2,816,346	179,767	5,057,684	2,061,571	7,362	200		25		7,137		20
251,816	717,976	2,367,522	26,515	71,886	425,624	12,611,025	287,078	20,494,018	7,595,915	2,356	302		85		1,969		21
171,034	45,789	1,099,219	329	2,011	55,272	686,971	425,566	3,207,465	2,094,928	6,147	4,547				1,600	10	22
90,338	15,366	573,896		594	23,940	117,643	261,751	1,423,890	1,044,496	3,874	3,682				192	10	23
38,595	9,130	375,130	329		14,691	108,792	77,081	692,709	506,836	1,489	750				739		24
42,101	21,293	150,193		1,417	16,641	460,536	86,734	1,090,866	543,596	784	115				669		25
57,390	19,828	185,942	30	1,716	4,622	610,034	7,732	854,702	236,936	110			10		100		26
154,177	184,767	500,010	51,149	9,000	104,368	1,867,251	26,598	3,508,919	1,615,070	868	471				397	112	27
2,040		10,548	55	321	1,355	166,555	4,377	205,745	34,513	122	115		6		1		28
	936	73,623	2,000	1,701	1,534	253,143	3,927	411,489	154,419	213	107		106				29
718,857	212,300	3,744,919	5,044	103,350	350,882	20,365,307	294,822	28,421,544	7,761,415	15,551	13,122	412	566		1,451	646	30
542,103	152,777	2,984,885	4,969	66,699	271,766	15,838,486	229,058	21,822,943	5,755,399	13,834	11,786	412	555		1,081	643	31
176,754	59,523	760,034	75	36,651	79,116	4,526,821	65,764	6,598,601	2,006,016	1,717	1,336		11		370	3	32
15,405	13,023	28,034	7,597	4,575	1,085	300,448	1,015	640,206	338,743	27	25				2		33
4,920	3,530	163,118	515	4,774	6,642	171,766	6,783	454,963	276,414	209			36		173		34
1,800	3,530	132,514	465	1,448	5,874	142,112	5,134	354,880	207,634	155			23		132		35
3,120		30,604	50	3,326	768	29,654	1,649	100,083	68,780	54			13		41		36
44,786	19,131	1,176,062		17,224	639,522	7,045	1,904,353	1,257,786		591					591		37
630,589	331,689	11,627,441			8,776	9,128,451	369,441	22,837,066	13,339,174	14,341	6,886	50	10		7,395	5,606	38
204,211	152,122	1,090,437		3,600	71,286	2,815,529	382,629	5,277,426	2,079,268	6,568	1,435	3,425	10		1,698	3,439	39
6,725	10,251	6,110	9,163	1,844	1,148	30,326	360	65,727	35,041	19					19		40
5,880	3,300	43,753		2,950	493	3,175	6,591	119,939	110,173	115	110				5		41
1,455,172	2,888,209	10,646,100	5,404,300	405,223	433,274	30,849,753	159,360	60,414,498	29,405,385	2,457	1,265		78		1,114	126	42
1,443,605	2,885,564	8,842,411	5,380,799	377,041	430,705	30,819,916	129,613	58,028,322	27,078,793	2,122	1,265		42		815	126	43
1,342,777	2,746,218	8,258,821	5,072,979	349,385	416,520	26,537,511	106,187	51,872,351	25,228,653	1,464	860		20		584	66	44
15,400	81,841	206,963	102,597	14,702	2,047	1,240,925	5,958	1,902,826	655,943	86					86		45
85,428	57,505	376,622	205,223	12,954	12,138	3,041,480	17,468	4,253,145	1,194,197	572	405		22		145	60	46
11,567	2,645	1,803,689	23,501	28,182	2,569	29,837	29,747	2,386,176	2,326,592	335			36		299		47
10,987	1,950	1,677,362	22,504	26,517	2,181	14,344	26,209	2,187,795	2,147,242	259					259		48
		80,002	997	1,665	164	2,478	1,436	122,322	118,408	20					20		49
580	695	46,325		224	13,015	2,102	76,059	60,942	60,942	56			36		20		50
		43,008	3,000	1,647	315	13,460	1,652	92,175	77,063	15					15		51
386,126	503,141	2,058,275	156,513	142,127	185,070	7,718,857	38,955	13,884,281	6,126,469	574			6		568		52
383,335	500,597	1,993,020	154,744	139,234	160,216	7,435,932	37,034	13,374,795	5,901,829	542			6		536		53
52,076	130,237	632,878	31,229	36,260	4,533	2,238,601	13,769	3,933,408	1,681,038	146					146		54
77,249	81,257	313,960	4,183	24,038	1,567	1,046,347	3,866	1,870,795	820,582	90					90		55
38,399	23,941	106,493	4,931	11,638	27,637	598,157	2,252	986,273	385,864	72					72		56
215,611	265,162	939,689	114,401	67,298	126,479	3,552,827	17,147	6,584,319	3,014,345	234			6		228		57
2,791	2,544	65,255	1,769	2,893	24,854	282,925	1,921	509,486	224,640	32					32		58
142,400	227,720	160,393		19,084	61,210	4,663,038	28,695	5,884,333	1,192,600	575	138				437		59
13,965	14,352	71,977			13,336	1,246,251	35,313	1,584,148	302,584	272	270				2	72	60
439,098	364,897	2,123,842	6,081	93,685	502,640	11,111,086	225,330	17,995,081	6,658,665	6,349	953		277		5,119	189	61
363,382	287,985	1,614,983	81,667	478,636	8,642,869	121,469	13,840,402	5,076,064	4,100	800			24		3,276	172	62
75,716	76,912	508,859	6,081	12,018	24,004	2,468,217	103,861	4,154,679	1,582,601	2,249	153		253		1,843	17	63
18,253	7,120	166,348	500	8,960	4,123	595,241	1,613	1,413,638	816,784	129	114				15		64
95,685	53,456	564,109	960	18,927	28,934	930,554	14,995	2,106,939	1,161,390	634	112				522		65
319,727	229,608	2,990,753	3,934	27,978	552,887	11,139,221	288,336	18,454,957	7,027,400	17,323	4,386	1,900		3,055	7,982	1,745	66
1,756		14,506		740	566	4,588	1,229	36,228	30,411	30	8		12		10	12	67

¹ Same number reported throughout the year.² Same number reported for one or more other months.

MANUFACTURES—MARYLAND.

TABLE 32.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Num-ber of estab-lish-ments	PERSONS ENGAGED IN THE INDUSTRY.								WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.	
		Total.	Pro- pri- etors and firm mem- bers.	Sala- ried offi- cers, super- in- tend- ents, and man- agers.	Clerks, etc.		Wage earners.			Total.	16 and over.		Under 16.		
					Male.	Fe- male.	Aver- age num- ber.	Number, 15th day of—			Male.	Fe- male.	Male.		Fe- male.
								Maximum month.	Minimum month.						

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

																		Dollars.
1	Dental goods.....	6	52	8	.....	3	41	No	44	Ja	38	42	32	2	8	.....	23,570	
2	Druggists' preparations.....	13	1,198	11	75	294	122	696	No	756	Au	636	703	191	503	3	6	4,491,553
3	Electrical machinery, apparatus, and supplies.....	13	177	8	16	8	8	137	No ³	143	Ja	134	144	129	15	.....	238,919	
4	Electroplating.....	6	56	8	2	.....	3	43	De	48	Ja	38	48	47	.....	1	.....	73,321
5	Engraving and diesinking.....	10	25	10	.....	1	.....	14	Jy ³	18	Fe ³	11	16	14	1	1	.....	21,810
6	Engraving, steel and copper plate, including plate printing.....	12	53	13	.....	1	2	37	My	42	Au ³	31	38	27	5	4	2	33,033
7	Fancy articles, not elsewhere specified.....	5	280	3	26	7	3	241	Au	288	Ja	144	240	71	152	12	5	481,953
8	Fertilizers.....	45	3,865	26	217	392	128	3,102	Mh	3,701	No	2,668	3,119	3,087	32	.....	.....	35,236,201
9	Flavoring extracts.....	16	78	21	2	16	2	37	Jy	43	Ja ³	36	36	21	15	.....	.....	140,612
10	Flour-mill and gristmill products.....	247	931	286	58	79	30	478	De	524	Ja	438	523	514	9	.....	.....	7,503,887
11	Food preparations, not elsewhere specified.....	33	569	28	42	44	34	421	De	542	Au	343	536	319	99	80	38	2,868,460
12	Foundry and machine-shop products.....	133	4,971	101	248	428	113	4,081	.....	.....	.....	.....	4,317	3,990	322	4	1	14,216,729
13	Boiler shops.....	8	220	5	14	10	1	190	Se	220	Mh	162	206	206	.....	.....	.....	380,773
14	Foundries.....	13	672	8	24	25	6	609	De	673	Je	555	673	665	8	.....	.....	1,103,169
15	Machine shops.....	98	2,323	81	156	179	84	1,823	De	2,140	Fe	1,559	2,132	1,813	314	4	1	6,261,142
16	Machine shop and foundry combined.....	14	1,756	7	54	214	22	1,459	Ja	2,534	Se	1,212	1,306	1,306	.....	.....	.....	6,471,645
17	Fur goods.....	21	123	21	5	5	11	81	De	112	Ap	57	111	47	64	.....	.....	318,717
18	Furnishing goods, men's.....	29	4,556	31	131	212	107	4,075	.....	.....	.....	.....	4,274	435	3,599	30	210	9,556,690
19	Neckwear.....	12	244	17	29	46	8	144	Oc	165	Fe	117	165	40	124	1	.....	653,215
20	All other.....	17	4,312	14	102	166	99	3,931	De	4,080	Se	3,765	4,109	395	3,475	29	210	8,903,475
21	Furniture.....	47	1,972	56	81	139	51	1,645	.....	.....	.....	.....	1,826	1,719	73	34	.....	5,967,355
22	Wood, rattan, willow, and metal furniture.....	41	1,661	48	74	111	44	1,384	De	1,566	Fe	1,239	1,534	1,431	70	33	.....	4,671,521
23	Store and office fixtures.....	6	311	8	7	28	7	261	Oc	306	Ja	206	292	288	3	1	.....	1,295,834
24	Gas and electric fixtures.....	4	45	2	6	2	.....	35	Je	38	Oc ³	32	32	21	11	.....	.....	98,710
25	Gas, illuminating and heating.....	16	1,505	4	57	385	184	875	Au ³	988	Mh	738	959	956	3	.....	.....	34,832,759
26	Gas machines and gas and water meters.....	4	313	.....	14	26	18	255	No	281	Ja	217	278	247	30	1	.....	1,055,759
27	Glass.....	8	1,879	6	41	56	21	1,755	No	1,943	Au	1,252	1,901	1,577	270	37	17	2,360,036
28	Glass, cutting, staining, and ornamenting.....	5	32	6	4	.....	1	21	De	29	Ja ³	17	29	28	1	.....	.....	76,247
29	Grease and tallow, not including lubricating greases.....	5	36	7	6	2	.....	21	(⁴)	21	(⁴)	21	20	20	.....	.....	.....	134,173
30	Hardware.....	6	97	6	9	5	.....	77	Jy	84	Au	72	84	83	1	.....	.....	245,959
31	Hats and caps, other than felt, straw, and wool.....	24	150	35	.....	13	4	98	No	111	My ³	88	118	80	38	.....	.....	215,446
32	Hats, straw.....	7	1,526	2	39	68	32	1,385	Mh	1,460	Jy	1,236	1,491	524	951	3	13	4,265,510
33	Ice, manufactured.....	61	775	41	60	36	6	632	Au	859	Ja	426	783	781	2	.....	.....	5,609,036
34	Instruments, professional and scientific.....	4	56	1	9	3	1	42	Ja	61	My	33	42	36	6	.....	.....	130,650
35	Iron and steel, steel works and rolling mills.....	5	5,179	.....	79	124	32	4,944	Fe	5,725	My	4,021	5,443	5,360	83	.....	.....	41,734,218
36	Iron and steel, welding.....	13	79	12	7	3	.....	57	Se	63	Fe	48	60	60	.....	.....	.....	379,486
37	Jewelry.....	21	132	22	7	5	7	91	No	96	Oc	82	98	87	8	3	.....	403,989
38	Knit goods.....	7	809	3	43	6	8	749	De	873	Ap	643	873	152	689	9	23	1,635,487
39	Leather goods, not elsewhere specified.....	4	114	6	7	5	4	92	My	99	Mh	84	97	73	22	2	.....	154,270
40	Leather, tanned, curried, and finished.....	7	574	5	31	15	6	517	Fe	581	Ja	405	566	563	3	.....	.....	5,547,285
41	Lime.....	36	546	31	26	14	7	468	Se	530	Oc	403	489	485	.....	4	.....	813,019
42	Liquors, malt.....	8	727	1	45	73	11	597	Se	695	Ap ³	5	527	526	1	.....	.....	7,132,506
43	Lithographing.....	6	664	11	22	62	27	542	De	573	Mh	507	576	517	52	6	1	3,692,162
44	Looking-glass and picture frames.....	12	102	13	2	9	.....	78	De	88	Ja	65	88	77	7	4	.....	157,252
45	Lumber and timber products.....	393	2,402	474	50	25	9	1,844	De	2,714	Au	1,450	3,360	3,335	3	22	.....	3,205,763
46	Lumber, planing-mill products, not including planing mills connected with sawmills.....	65	1,493	50	109	117	38	1,179	No	1,270	Ja	1,050	1,283	1,219	53	11	.....	5,339,640
47	Marble and stone work.....	83	720	83	36	29	9	563	.....	.....	.....	.....	627	623	4	.....	.....	1,793,471
48	Monuments and tombstones.....	70	445	78	18	22	7	320	De	351	Ja	272	354	350	4	.....	.....	1,112,737
49	All other.....	13	275	5	18	7	2	243	De	276	Ja	171	273	273	.....	.....	.....	680,734
50	Mattresses and spring beds, not elsewhere specified.....	20	320	23	18	24	12	243	Au	258	Fe	228	247	196	49	2	.....	973,220
51	Millinery and lace goods, not elsewhere specified.....	22	322	25	17	6	19	255	.....	.....	.....	.....	279	83	192	2	2	597,604
52	Embroideries.....	7	185	3	11	3	7	161	De	170	Ja	153	170	62	107	1	.....	434,535
53	Trimmed hats and hat frames.....	9	106	14	3	2	11	76	Au	118	Ja ³	59	83	16	64	1	2	116,518
54	Dress and cloak trimmings.....	6	31	8	3	1	1	18	No	27	Je	14	26	5	21	.....	.....	46,551
55	Mineral and soda waters.....	63	353	64	29	24	13	223	Je	260	Ja	180	239	229	8	2	.....	904,820
56	Minerals and earths, ground or otherwise treated.....	8	66	3	11	.....	2	50	Oc	68	Ja	22	69	68	.....	1	.....	288,414
57	Models and patterns, not including paper patterns.....	9	49	9	2	.....	.....	38	De	44	Jy	31	36	36	.....	.....	.....	101,264
58	Oil, not elsewhere specified.....	6	176	5	13	32	8	118	De	141	Ja	77	141	138	3	.....	.....	1,157,743
59	Optical goods.....	6	120	3	8	21	23	65	My	69	Je ³	63	64	51	10	3	.....	412,948
60	Paints.....	14	374	15	29	52	20	258	Au	296	Ja	175	294	258	36	.....	.....	2,142,270
61	Paper and wood pulp.....	10	1,511	7	24	57	15	1,408	Oc	1,807	Mh	623	1,760	1,630	130	.....	.....	10,214,631
62	Patent medicines and compounds.....	55	1,054	43	72	145	95	699	Oc	735	Je	663	734	318	378	15	23	5,180,926
63	Paving materials.....	31	765	30	25	13	4	693	My	1,003	Fe	348	707	707	.....	.....	.....	1,433,784
64	Perfumery and cosmetics.....	8	124	4	10	17	27	66	No ³	72	Ja ³	54	72	14	58	.....	.....	215,785
65	Photo-engraving.....	6	117	.....	13	13	5	86	De	111	Ja	46	111	104	1	6	.....	234,226

¹ Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).

² Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

MANUFACTURES—MARYLAND.

25

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.					
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.					Electric horsepower generated in establishments reporting.
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power. ¹		Rent-ed.^{2}

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.							
240,691	640,878	35,828	108	2,415	50	44,423	1,370	116,747	70,954	8				8		1
49,598	15,810	461,614	4,723	20,256	298,938	3,340,882	20,995	6,406,804	3,044,927	704	625			79	433	2
		144,903		7,696	30,707	152,150	4,757	522,865	365,958	188				188		3
5,980	2,383	50,205		2,370	976	58,345	3,169	155,532	94,018	77			18	59		4
	780	19,126		2,335	40	13,377	409	52,904	39,118	13				13		5
	2,468	34,557	655	3,442	37	36,896	815	110,669	72,958	13				13		6
60,562	18,579	96,650	8,293	1,934	6,664	308,192	4,877	631,376	318,307	211	200		5	6	72	7
784,276	670,652	3,561,181	2,994	42,600	781,275	24,271,436	423,282	37,014,097	12,319,379	16,400	2,257	733	112	13,298	1,382	8
2,425	27,938	25,284	1,723	4,899	862	197,450	489	338,244	140,305	20			6	14		9
151,610	102,093	449,132	3,612	22,100	93,553	16,168,388	189,083	19,004,169	2,646,698	11,351	2,909	45	1,929	3,772	2,696	10
219,273	93,707	359,117	10,575	19,410	80,653	6,783,980	101,100	9,141,109	2,256,029	1,707	412		166	1,129	260	11
903,829	478,801	4,991,223	36,895	77,037	566,535	5,187,657	372,225	15,720,929	10,161,047	10,613	1,759	200	412	8,242	262	12
57,471	17,046	276,792	7,000	4,844	7,818	228,745	6,297	692,727	457,685	309	55		44	210		13
93,203	37,399	755,331	3,648	4,330	79,312	513,094	94,751	1,909,373	1,301,528	1,658	61			1,597		14
508,907	237,817	2,222,054	21,247	54,107	300,038	2,928,395	130,456	8,092,332	5,033,481	4,228	733		316	3,179	37	15
244,248	186,539	1,737,046	5,000	13,756	179,367	1,517,423	140,721	5,026,497	3,368,353	4,418	910	200	52	3,256	225	16
6,143	11,562	146,270	425	14,465	3,439	406,798	3,409	738,314	328,107	18				18		17
408,870	541,762	2,288,208	154,365	97,467	450,230	8,252,057	44,864	14,595,923	6,299,002	1,642	949		6	687	270	18
56,763	80,752	104,347	1,981	11,194	6,759	819,433	2,302	1,368,951	517,216	26				26		19
352,107	461,010	2,183,861	152,384	86,273	443,471	7,402,624	42,562	13,226,972	5,781,786	1,616	949		6	661	270	20
239,052	252,854	1,546,638	59,680	56,381	71,168	2,910,404	80,088	6,827,690	3,837,198	3,358	1,985		37	1,336	38	21
211,732	183,698	1,252,873	59,680	44,289	65,704	2,473,917	69,756	5,614,630	3,070,957	3,000	1,910		37	1,053	38	22
27,320	69,156	293,765		12,092	5,464	436,487	10,332	1,213,060	766,241	358	75			283		23
19,580	2,200	34,631		4,422	1,007	83,594	1,263	169,630	84,773	21			6	15		24
170,311	566,023	1,272,374	2,574	1,363	482,558	589,524	2,268,793	6,447,980	3,589,663	2,831	1,291	1,499	26	15		25
44,969	51,358	285,343	5,571	5,500	25,569	463,936	12,205	1,350,132	873,991	222			50	172		26
170,716	131,908	1,643,239		660	172,219	656,500	382,249	4,031,841	2,993,092	1,848	275			1,573	20	27
10,519	686	19,969		4,925	1,678	65,370	1,335	161,369	94,664	23				23		28
9,938	2,070	22,381			1,006	121,279	8,800	241,024	110,945	164	162			2		29
22,500	7,214	80,657		3,360	1,805	65,220	44,487	337,063	227,356	136			10	126		30
	12,491	100,763	14,806	8,191	1,159	315,705	2,779	590,693	272,209	42				42		31
237,513	223,710	1,029,845		40,502	211,808	1,930,567	44,473	4,719,150	2,744,110	1,186	800			386	472	32
99,136	40,338	708,752		3,277	71,770	402,305	574,454	2,717,377	1,740,618	11,993	9,757	40	1,645	481	1,050	33
16,430	5,959	36,480		7,215	476	57,486	1,761	143,538	84,291	43			12	31		34
458,401	686,396	5,429,730		11,345	154,201	13,546,905	1,473,532	19,884,154	4,863,717	47,426	14,435	4,195	26,000	2,796	105,678	35
16,538	3,070	94,942	2,346	3,868	17,335	89,537	7,512	325,030	227,981	281	192		35	54		36
19,704	11,776	128,332	3,478	9,329	6,413	271,807	2,074	544,304	270,423	56			16	40		37
89,688	26,930	366,857	40,321	30,023	27,371	1,744,356	28,181	2,687,496	914,959	606	200			406	180	38
11,820	17,562	63,848	1,145	2,870	664	153,228	1,381	339,837	185,228	28	20			8		39
187,700	32,650	479,115		112,116	4,282,995	73,446	6,263,468	1,907,027	1,907,027	1,630	1,024			606	175	40
37,156	16,985	263,424	450	3,372	17,580	372,942	178,394	1,049,265	497,929	2,111	844		168	1,099		41
348,838	158,329	916,771	400	1,368,424	1,418,797	154,019	6,373,713	4,800,897	4,800,897	4,383	3,061			1,322	260	42
97,910	141,426	615,209	12,939	11,242	80,961	1,237,337	27,280	3,123,735	1,859,118	687	300			387	360	43
2,820	11,225	77,078		10,750	849	195,167	2,869	384,349	186,313	31				31		44
135,620	53,415	1,481,229	184,203	13,554	37,965	1,628,501	9,974	4,623,527	2,985,052	11,595	10,646	166	160	593		45
355,731	193,011	1,121,020	18,461	38,561	164,004	4,356,631	59,567	7,509,347	3,093,149	6,203	3,270		230	2,703	15	46
92,100	44,251	644,696	2,104	21,244	17,246	763,757	38,424	1,967,568	1,165,387	1,507	775		31	701	750	47
59,894	33,466	388,538	2,104	20,290	12,764	623,402	19,690	1,447,561	804,469	741	400		31	310	700	48
32,206	10,785	256,158		954	4,482	140,355	18,734	520,007	360,918	766	375			391	50	49
102,593	43,145	221,918	397	26,218	45,080	794,857	11,741	1,573,934	767,336	547	150	125		272	38	50
61,983	16,148	169,591	24,086	9,967	27,771	399,890	5,271	932,544	527,383	62			1	61		51
53,575	7,545	101,591	24,086	3,148	21,769	198,511	3,081	564,617	363,025	40				40		52
5,530	8,354	55,805		3,694	5,518	170,179	1,213	304,633	133,241	9			1	8		53
2,878	249	12,195		2,825	484	31,200	977	63,294	31,117	13				13		54
45,993	34,439	260,933	1,557	15,800	91,961	942,386	14,787	1,784,564	827,391	430	104		46	280		55
19,520	1,094	46,660		2,178	1,738	52,576	8,940	189,927	128,411	933	189		50	164		56
3,515		61,998		1,663	401	18,935	2,304	116,290	95,051	64			12	52		57
39,550	54,821	142,909		1,680	8,794	2,323,291	19,213	3,123,209	780,705	753	620			133		58
45,305	29,272	65,609		8,412	4,252	165,566	2,740	3,996,438	228,132	28				28		59
100,068	127,961	273,622		6,572	17,081	2,333,567	60,500	3,376,725	982,658	661	215		58	388		60
206,869	216,014	1,948,658		600	95,199	6,172,827	643,200	9,916,625	3,100,598	18,148	6,355	10,600	12	691	12,229	61
316,443	360,953	524,700	3,008	14,614	612,356	4,755,072	30,915	8,878,122	4,092,135	1,210	105		9	1,096		62
61,447	17,437	707,060		23,769	14,788	341,885	99,755	1,483,202	1,041,562	4,860	2,970	750	86	1,054	775	63
25,025	39,410	31,450		4,561	4,102	279,335	2,369	521,491	239,787	22				22		64
47,192	13,037	138,163	6,069	5,524	1,744	74,670	4,057	380,972	302,245	70				70		65

³ Same number reported for one or more other months.⁴ Same number reported throughout the year.

TABLE 32.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Num-ber of estab-lish-ments	PERSONS ENGAGED IN THE INDUSTRY.								WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.	
		Total.	Pro- pri- etors and firm mem- bers.	Sala- ried offi- cers, super- in- tend- ents, and man- agers.	Clerks, etc.		Wage earners.		Total.	16 and over.		Under 16.			
					Male.	Fe- male.	Aver- age num- ber.	Number, 15th day of—		Male.	Fe- male.	Male.	Fe- male.		
								Maximum month.							Minimum month.

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

															Dollars.
1	Pickles, preserves, and sauces.....	26	176	25	10	14	4	123		322	111	211			724, 105
2	Preserves.....	5	83	4	7	11	2	59	Je 237	Mh ² 34	230	51	179		424, 803
3	Pickles and sauces.....	21	93	21	3	3	2	64	Oc 101	My 42	92	60	32		299, 302
4	Pottery.....	4	272	3	16	4	3	246	De 258	Mh 228	265	189	53	19	398, 185
5	Poultry, killing and dressing, not done in slaughtering and meat-packing establishments.	12	55	14				41	No ³ 57	Fe ³ 35	57	57			120, 354
6	Printing and publishing, book and job..	210	3, 003	188	190	211	171	2, 243	De 2, 411	Ap ³ 2, 183	2, 367	1, 843	479	38	6, 890, 651
7	Printing and publishing, newspapers and periodicals.	142	2, 495	89	140	603	266	1, 397			1, 423	1, 287	111	23	4, 970, 311
8	Printing and publishing.....	10	1, 607	10	48	466	152	931	Oc ³ 949	Mh 914	951	904	30	17	3, 064, 498
9	Printing, publishing, and job printing.	88	704	67	67	60	48	462	De 468	Ja 442	467	380	79	6	1, 556, 043
10	Publishing without printing.....	44	184	12	25	77	66	4	De 5	No 3	5	3	2		349, 770
11	Regalia, and society badges and emblems.	5	67	4	4	2	5	52	Ap 61	Fe 45	54	33	17	1	85, 129
12	Saddlery and harness.....	26	220	26	5	30		159	Ap 174	Ja 124	158	143	15		758, 605
13	Sausage, not made in slaughtering and meat-packing establishments.	25	170	30	2	20	17	101	No 132	My 89	123	108	17		377, 865
14	Shipbuilding, steel.....	4	18, 142		160	605	165	17, 212	Ap 18, 178	Au 16, 127	16, 357	16, 356	1		32, 778, 735
15	Shipbuilding, wooden, including boat building.	38	2, 044	31	62	67	12	1, 872			1, 765	1, 763		2	3, 079, 942
16	New vessels.....	18	1, 664	7	47	58	12	1, 540	Ja ³ 2, 314	Au 1, 142	1, 407	1, 406		1	2, 284, 171
17	Repair work only.....	14	365	18	14	9		324	Jy 358	Fe 281	344	343		1	764, 560
18	Small boats.....	6	15	6	1			8	Je 14	Ja ³ 3	14	14			31, 211
19	Shirts.....	47	2, 791	52	93	85	75	2, 486	De 3, 357	Je 1, 865	3, 400	446	2, 873	26	5, 237, 095
20	Signs and advertising novelties.....	9	101	9	4	10	6	72	De 88	Mh 64	90	78	8	1	146, 952
21	Silk goods.....	6	869	2	21		7	839	De 981	Fe 768	978	316	602	37	1, 145, 185
22	Silversmithing and silverware.....	4	93	2	6		1	84	Jy 103	Ja 61	83	83			766, 213
23	Slaughtering and meat packing.....	47	2, 000	48	86	246	57	1, 563	De 1, 735	Fe 1, 462	1, 740	1, 528	204	8	12, 759, 470
24	Stamped and enameled ware, not elsewhere specified.	7	4, 540	2	96	713	243	3, 486	De 4, 004	Ja 2, 933	4, 012	3, 268	619	40	19, 275, 190
25	Stereotyping and electrotyping.....	4	54		5	2	6	41	De 45	Oc 38	40	37		3	90, 033
26	Stoves and hot-air furnaces.....	6	388	1	17	29	12	329	Oc ³ 344	Jy 281	343	343			1, 325, 908
27	Structural ironwork, not made in steel works or rolling mills.	12	820	7	40	108	42	623	No 666	My 586	673	668	1	4	3, 166, 520
28	Tinware, not elsewhere specified.....	28	4, 668	17	104	218	96	4, 233	Au 5, 355	Ja 3, 546	3, 830	2, 596	1, 110	98	21, 855, 529
29	Tobacco, cigars and cigarettes.....	146	2, 874	169	71	57	29	2, 548	Fe 2, 855	Jy 2, 092	2, 993	741	2, 251	1	6, 328, 509
30	Tools, not elsewhere specified.....	3	29	5		2		22	Se 28	Oc 14	20	20			31, 728
31	Toys and games.....	10	449	4	25	14	11	395	No 480	Ja 278	435	160	211	43	589, 000
32	Trunks and valises.....	7	44	9				35	Au ³ 42	Ja 13	42	24	18		48, 814
33	Umbrellas and canes.....	8	477	9	20	48	23	377	De 408	Mh 367	426	114	283	10	1, 147, 228
34	Varnishes.....	3	12	5		2		5	(¹) 5	(¹) 5	5	5			44, 966
35	Vinegar and cider.....	5	14	4	1		1	8	No 11	Ja ³ 7	13	11	2		135, 414
36	Window and door screens.....	3	39	2	4	2	4	27	Je ³ 42	Ja ³ 16	27	27			88, 686
37	Window shades and fixtures.....	4	71	3	5	19	11	33	Oc 40	Mh 27	38	16	17	5	296, 062
38	Wirework, not elsewhere specified...	13	120	13	9	4	3	91	Ja 114	Oc 66	97	97			180, 749
39	Wooden goods, not elsewhere specified	4	62	8	1			53	Ja 65	Je 31	63	47	16		47, 823
40	Woolen goods.....	3	223	3	7	5	1	207	De 354	Je 25	354	268	86		1, 984, 388
41	All other industries*.....	175	14, 591	121	588	807	328	12, 747							112, 382, 220

* All other industries embrace—	Card cutting and designing.....	2	Cotton small wares.....	1	Glue, not elsewhere specified.....	1
Aeroplanes, seaplanes, and airships, and parts.....	Carpets, rag.....	1	Dairymen's, poultrymen's, and apia- rists' supplies.....	1	Gold and silver, leaf and foil.....	1
Agricultural implements.....	Carriage and wagon materials.....	1	Drug grinding.....	1	Hand stamps.....	3
Ammunition.....	Carriages and sleds, children's.....	3	Dyeing and finishing textiles, ex- clusive of that done in textile mills..	3	Hat and cap materials.....	1
Asbestos products, not including steam packing.....	Cars, steam-railroad, not including operations of railroad companies.....	1	Dyestuffs and extracts—natural.....	1	Hats, fur-felt.....	3
Automobiles.....	Cement.....	2	Enamelng.....	1	House-furnishing goods, not elsewhere specified.....	3
Babbitt metal and solder.....	Cheese.....	2	Engines, steam, gas, and water.....	3	Ink, printing.....	1
Bags, paper, exclusive of those made in paper mills.....	Chewing gum.....	1	Envelopes.....	1	Iron and steel, blast furnaces.....	2
Belting, leather.....	Clocks.....	1	Ferrolloys.....	1	Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills.	1
Belting, woven.....	Coffins, burial cases, and undertakers' goods.....	3	Foundry supplies.....	1	Iron and steel, east-iron pipe.....	2
Bluing.....	Coke, not including gas-house coke....	1	Furs, dressed.....	2	Iron and steel, forgings, not made in steel works or rolling mills.....	3
Boot and shoe cut stock.....	Cordage and twine.....	1	Galvanizing.....	2	Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills.....	1
Boot and shoe findings.....	Cordials and flavoring sirups.....	6	Gloves and mittens, cloth, not includ- ing gloves made in textile mills.....	2		
Butter, reworking.....	Cork, cutting.....	1	Gloves and mittens, leather.....	2		
	Corsets.....	2				

¹ Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).
² Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

MANUFACTURES—MARYLAND.

27

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.					
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.					Electric horse-power generated in establishments reporting.
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power. ¹		Rent-ed.^{2}

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.							
49,244	16,608	85,592	307	3,905	100,256	759,722	9,063	1,092,858	324,073	302	239	.....	10	.....	53	25
44,200	12,517	52,251	397	320	93,405	555,333	5,508	814,899	254,058	99	79	.....	.....	.....	20	25
5,044	4,091	33,341	.....	3,585	3,851	201,389	3,555	277,959	70,015	203	160	.....	10	.....	33	.....
35,869	5,692	162,782	.....	450	11,410	112,834	34,312	497,303	350,160	251	240	.....	.....	.....	11	.....
.....	58,097	.....	.....	2,673	1,120	1,005,810	3,034	1,139,455	130,611	27	17	.....	.....	.....	10	.....
702,699	439,667	2,492,302	521,391	138,575	240,430	3,973,485	92,072	10,690,650	6,625,093	2,453	571	.....	128	.....	1,754	836
478,347	1,121,185	1,611,779	344,363	100,290	90,537	3,433,986	68,472	9,363,579	5,861,121	2,310	4	200	107	.....	1,999	.....
232,215	743,984	1,141,317	2,800	67,921	59,641	2,905,058	38,918	6,753,234	3,809,248	1,728	.....	200	10	.....	1,518	.....
115,925	111,178	467,262	14,915	26,826	21,329	446,985	29,504	1,576,878	1,100,389	582	4	.....	97	.....	481	.....
130,207	266,023	3,200	326,648	5,543	9,567	81,933	50	1,033,467	951,484	.....	.....	.....	.....	.....	.....	.....
9,300	4,963	36,141	312	2,733	1,259	48,842	1,624	135,763	85,297	13	.....	.....	.....	.....	13	.....
27,760	26,021	153,473	150	5,984	13,507	505,482	5,604	851,389	340,303	149	100	.....	16	.....	33	.....
4,160	38,113	105,937	.....	5,986	1,859	1,410,405	17,408	1,788,648	360,835	577	106	.....	15	.....	456	.....
226,952	1,258,719	26,141,571	.....	160	1,182,545	27,518,283	771,570	60,844,131	32,551,278	22,354	175	.....	.....	.....	22,179	.....
217,558	85,715	2,745,529	.....	55,302	61,917	2,657,933	52,468	6,465,783	3,755,382	4,185	480	150	119	.....	3,436	.....
190,004	70,898	2,293,814	.....	49,794	56,543	2,378,850	42,279	5,541,691	3,120,552	3,124	280	150	66	.....	2,628	.....
27,314	14,817	443,428	.....	5,412	5,198	265,096	9,970	896,678	621,612	1,042	200	.....	49	.....	793	.....
240	.....	8,287	.....	96	176	13,977	219	27,414	13,218	19	.....	.....	4	.....	15	.....
316,267	222,065	1,662,570	414,340	77,775	123,994	8,152,906	46,166	12,174,683	3,975,611	898	80	.....	140	.....	678	2
25,817	12,559	71,225	1,097	5,815	5,673	115,530	2,306	287,595	169,759	61	45	.....	.....	.....	16	.....
72,702	5,655	456,115	5,544	4,550	24,346	665,294	42,507	1,534,218	826,417	1,505	535	.....	.....	.....	970	.....
41,760	780	102,372	4,068	5,855	2,194	214,216	4,441	420,502	201,845	126	20	75	.....	.....	31	95
378,163	456,332	1,972,514	2,376	21,339	287,579	33,171,745	348,488	41,439,448	7,919,215	5,076	3,140	450	.....	.....	1,486	1,159
286,513	950,889	3,341,409	300,000	7,813	388,571	6,465,037	255,726	13,075,233	6,354,470	7,137	1,661	260	.....	.....	5,216	20
20,400	6,520	51,412	.....	3,131	1,529	57,436	3,860	172,398	111,102	98	.....	.....	14	.....	84	.....
57,394	49,724	419,255	.....	7,350	26,441	526,605	21,487	1,251,000	702,908	482	255	.....	.....	.....	227	.....
134,350	195,051	801,934	6,305	5,959	76,210	1,761,434	32,209	3,808,486	2,014,843	1,361	345	.....	57	.....	959	639
423,726	387,200	3,602,561	40,000	85,507	353,256	18,636,952	162,993	25,453,533	6,653,588	3,506	640	.....	63	.....	2,803	267
118,269	117,560	1,918,152	23	63,933	942,380	3,528,780	21,728	8,190,479	4,639,971	460	180	.....	4	.....	276	167
.....	1,062	22,756	.....	410	184	17,953	1,536	59,629	40,140	23	.....	.....	22	.....	1	.....
49,482	28,111	208,330	.....	11,452	2,830	442,345	9,122	952,939	501,472	209	40	.....	25	.....	144	.....
.....	23,913	.....	.....	4,027	93	60,424	663	112,316	51,229	8	.....	.....	.....	.....	8	.....
103,525	155,832	219,924	.....	16,846	9,952	1,797,516	5,751	2,729,891	923,624	47	.....	.....	.....	.....	47	.....
.....	2,810	5,304	.....	1,237	1,168	58,212	1,088	89,395	30,093	50	.....	.....	.....	.....	50	.....
2,100	150	7,850	.....	1,560	16,578	5,311	5,311	54,527	32,638	335	308	.....	17	10	.....	.....
10,882	6,751	33,935	.....	1,600	991	31,535	1,133	107,958	75,290	275	100	.....	.....	100	75	.....
21,290	29,536	26,885	.....	3,912	9,849	494,417	813	642,079	146,840	5	.....	.....	.....	.....	5	.....
17,917	8,405	71,863	9,030	5,114	880	165,780	4,035	290,193	120,348	259	40	.....	.....	.....	219	.....
1,280	.....	24,203	.....	580	145	36,236	2,890	76,881	37,755	156	105	.....	.....	.....	51	.....
21,619	5,182	228,636	17,504	1,540	8,661	862,486	21,859	1,541,205	656,856	1,260	115	.....	135	950	60	40
2,749,449	2,455,082	15,341,691	138,446	161,539	7,589,374	149,384,127	8,984,958	201,428,496	43,059,411	86,716	30,079	1,825	31,568	.....	23,244	17,653

Japanning.....	2	Needles, pins, and hooks and eyes.....	1	Pumps, steam and other power.....	1	Statuary and art goods.....	2
Jewelry and instrument cases.....	1	Nets and seines.....	2	Refrigerators.....	2	Steam fittings and steam and hot-	2
Jute goods.....	1	Oakum.....	1	Roofing materials.....	3	water heating apparatus.....	2
Lead, bar, pipe, and sheet.....	1	Cleomargarine and other butter sub-	2	Rubber tires, tubes, and rubber goods,	2	Stencils and brands.....	2
Liquors, distilled.....	1	stitutes.....	2	not elsewhere specified.....	2	Stoves, gas and oil.....	2
Lubricating greases.....	1	Ordinance and accessories.....	1	Safes and vaults.....	1	Sulphuric, nitric, and mixed acids....	1
Machine tools.....	1	Paper goods, not elsewhere specified..	3	Saws.....	2	Surgical appliances.....	2
Mirrors, framed and unframed, not	1	Pens, fountain and stylographic.....	1	Screws, machine.....	1	Suspenders, garters, and elastic woven	2
elsewhere specified.....	1	Petroleum, refining.....	4	Show cases.....	2	goods.....	2
Mucilage, paste, and other adhesives,	1	Photographic apparatus.....	1	Smelting and refining, copper.....	1	Textile machinery and parts.....	1
not elsewhere specified.....	1	Plated ware.....	1	Soap.....	1	Tobacco, smoking, and snuff.....	2
Musical instruments and materials,	1	Plumbers' supplies, not elsewhere	1	Soda-water apparatus.....	1	Wall plaster and composition flooring..	1
not elsewhere specified.....	1	specified.....	1	Springs, steel, automobile, not made	2	Washing machines and clothes wring-	1
Musical instruments, organs.....	2	Printing and publishing, music.....	1	in steel works or rolling mills.....	2	ers.....	1
Musical instruments, pianos.....	3	Printing materials.....	3	Stationery goods, not elsewhere speci-	1	Wood, turned and carved.....	4
Musical instruments, piano and organ	2	Pumps, not including power pumps..	1	fied.....	1		
materials.....	2						

³ Same number reported for one or more other months.⁴ Same number reported throughout the year.

MANUFACTURES—MARYLAND.

TABLE 32.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY.								WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.	
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.		Total.	16 and over.		Under 16.			
					Male.	Female.	Average number.	Number, 15th day of—		Male.	Female.	Male.	Female.		
								Maximum month.							Minimum month.

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.

																Dollars.
1	BALTIMORE—All industries....	2,797	117,140	2,706	4,287	8,480	3,853	97,814	Ja 104,473	Ap 92,846	102,507	69,606	31,148	833	920	434,243,740
2	Artificial flowers.....	4	75	5	5	1	.....	64	Mh 78	Ja 53	59	4	46	1	8	139,895
3	Artificial limbs.....	3	7	2	1	.....	1	3	(³) 3	(³) 3	4	3	1	.....	.....	9,025
4	Artificial stone products.....	5	37	4	4	1	1	27	Se 55	Ja 11	32	32	.....	.....	.....	131,972
5	Automobile bodies and parts.....	25	283	24	18	27	7	207	Se 217	Ja 198	212	208	4	.....	.....	589,174
6	Automobile repairing.....	111	1,150	111	84	92	49	814	De 907	Ja 725	909	908	.....	1	.....	1,963,558
7	Awnings, tents, and sails.....	10	87	8	12	6	2	59	Je 73	Fe 47	61	46	15	.....	.....	276,237
8	Bags, other than paper, not including bags made in textile mills.	12	225	8	13	14	7	183	Au 197	My 164	187	79	107	.....	1	804,321
9	Baskets, and rattan and willow ware.	12	39	13	.....	1	.....	25	Au 27	Ja 23	25	25	.....	.....	.....	31,157
10	Blacking, staisus, and dressings.....	6	50	5	3	20	4	18	Ja ⁴ 19	De ⁴ 16	19	10	9	.....	.....	75,144
11	Boxes, paper and other, not elsewhere specified.	20	2,066	12	77	86	38	1,853	Oe 2,415	Je 1,494	2,099	1,068	829	93	109	4,196,871
12	Boxes, wooden packing, except cigar boxes.	22	1,365	12	60	13	5	1,275	Jy 1,438	Fe 1,187	1,324	1,181	134	9	.....	2,371,648
13	Bread and other bakery products.....	335	2,902	345	70	375	94	2,018	No 2,147	Fe 1,907	2,103	1,545	550	6	2	6,654,759
14	Brick and tile, terra-cotta, and fire-clay products.	7	498	1	29	19	6	443	Se 533	Ja 315	458	458	.....	.....	.....	4,478,217
15	Brooms.....	16	267	14	10	12	5	226	No ⁴ 239	Ja 213	235	156	58	15	6	418,230
16	Canning and preserving, fish.....	5	13	6	.....	.....	.....	7	(³) 7	(³) 7	7	5	2	.....	.....	21,075
17	Canning and preserving, fruits and vegetables.	35	2,641	48	89	69	39	2,396	.....	.....	4,196	1,243	2,941	9	3	5,464,879
18	Canned vegetables.....	25	1,748	38	70	37	26	1,577	Se 3,540	Ja 618	3,500	1,044	2,444	9	3	3,467,168
19	Canned fruits.....	10	893	10	19	32	13	819	Au 1,553	Fe 261	696	199	497	.....	.....	1,997,711
20	Carriages and wagons, including repairs	23	128	26	2	3	.....	97	.....	.....	97	97	.....	.....	.....	162,110
21	Carriages and wagons.....	6	80	5	.....	3	.....	72	My 75	De ⁴ 70	72	72	.....	.....	.....	114,723
22	Repair work only.....	17	48	21	2	.....	.....	25	Oc ⁴ 27	Mh 21	25	25	.....	.....	.....	47,387
23	Cars and general shop construction and repairs by steam-railroad companies.	8	5,329	.....	167	137	47	4,978	Fe 5,421	Je 4,800	4,928	4,832	96	.....	.....	6,292,565
24	Cleansing and polishing preparations..	7	27	6	4	7	2	8	Ja ⁴ 10	De ⁴ 6	11	8	3	.....	.....	72,383
25	Cloth, sponging and refinishing.....	4	53	5	3	2	1	42	De 44	Ja 40	44	44	.....	.....	.....	83,772
26	Clothing, men's.....	270	11,539	377	419	1,027	650	9,066	.....	.....	10,604	5,624	4,835	28	117	33,836,230
27	Regular factories.....	139	9,966	223	416	1,026	649	7,652	De 9,073	Ap 7,002	9,073	4,589	4,341	26	117	33,603,446
28	Contract work.....	131	1,573	154	3	1	1	1,414	De 1,522	Ja 1,359	1,531	1,035	494	2	.....	232,784
29	Clothing, men's, buttonholes.....	12	48	14	.....	.....	.....	34	Se 37	De 30	35	20	13	2	.....	22,125
30	Clothing, women's.....	119	3,248	162	116	276	92	2,602	Fe 2,877	Ja 2,220	2,991	618	2,354	3	16	5,900,754
31	Coffee and spice, roasting and grinding	15	354	11	23	82	35	203	Au ⁴ 217	Je ⁴ 189	211	128	78	1	4	3,393,977
32	Confectionery and ice cream.....	103	3,363	108	92	184	117	2,862	.....	.....	3,597	1,167	2,340	13	77	7,846,332
33	Confectionery.....	76	2,891	78	67	159	93	2,494	No 3,299	Jy 1,916	3,272	869	2,313	13	77	6,207,925
34	Ice cream.....	27	472	30	25	25	24	368	Jy 451	Ja ⁴ 310	325	298	27	.....	.....	1,638,407
35	Cooperage.....	21	191	25	8	3	4	151	No 184	Ap 130	180	179	1	.....	.....	707,244
36	Copper, tin, and sheet-iron work.....	59	513	65	33	19	10	386	No 423	Ja 344	418	415	2	1	.....	1,003,787
37	Cotton goods.....	7	2,602	2	71	103	77	2,349	Fe 2,567	Je 2,217	2,321	1,147	1,151	19	4	12,091,901
38	Cutlery and edge tools.....	4	18	5	1	.....	.....	12	(³) 12	(³) 12	12	12	.....	.....	.....	21,162
39	Dental goods.....	6	52	8	.....	.....	.....	41	No 45	Ja 38	42	32	2	8	.....	23,570
40	Druggists' preparations and perfumery and cosmetics.	18	1,293	14	82	303	146	748	No 814	Au 689	760	199	552	3	6	4,617,548
41	Electrical machinery, apparatus, and supplies.	13	177	8	16	8	8	137	De ⁴ 143	Ja 134	144	129	15	.....	.....	238,919
42	Electroplating.....	6	56	8	2	.....	3	43	De 48	Ja 38	48	47	.....	1	.....	73,321
43	Engraving and diesinking.....	10	25	10	.....	1	.....	14	Au ⁴ 18	Fe ⁴ 11	16	14	1	1	.....	21,810
44	Engraving, steel and copper plate, including plate printing.	12	53	13	.....	1	2	37	My 42	Au ⁴ 31	38	27	5	4	2	33,033
45	Fancy articles, not elsewhere specified.	5	280	3	26	7	3	241	Au 288	Ja 144	240	71	152	12	5	481,953
46	Fertilizers.....	19	3,303	5	163	366	109	2,660	Ap 3,140	No 2,275	2,683	2,651	32	.....	.....	29,675,428
47	Food preparations, not elsewhere specified.	28	450	19	41	40	32	318	De 402	Se 249	399	307	89	.....	3	2,758,383
48	Foundry and machine-shop products.	85	3,538	58	169	148	63	3,100	.....	.....	3,205	2,916	287	2	.....	10,635,497
49	Boiler shops and foundries.....	12	654	5	32	25	5	587	De 647	Je 549	654	646	8	.....	.....	1,031,334
50	Machine shops.....	69	1,665	53	116	108	40	1,348	De 1,594	Fe 1,136	1,590	1,309	279	2	.....	4,236,359
51	Machine shop and foundry combined.	4	1,219	.....	21	15	18	1,165	Ja 2,261	Oe 893	961	961	.....	.....	.....	5,367,804
52	Fur goods.....	21	123	21	5	5	11	81	De 112	Ap 57	111	47	64	.....	.....	318,717
53	Furnishing goods, men's.....	22	4,368	24	127	212	105	3,900	.....	.....	4,043	426	3,377	30	210	9,271,214
54	Neckwear.....	12	244	17	29	46	8	144	Oe 165	Fe 117	165	40	124	1	.....	653,215
55	All other.....	10	4,124	7	98	166	97	3,756	Ja 3,925	Se 3,602	3,878	386	3,253	29	210	8,617,999
56	Furniture.....	37	1,379	50	56	129	39	1,105	Oc 1,223	Ja 937	1,188	1,115	42	31	.....	4,313,401
57	Gas and electric fixtures.....	4	45	2	6	2	.....	35	Je 38	De ⁴ 32	32	21	11	.....	.....	98,710
58	Gas machines and gas and water meters.	4	313	.....	14	26	18	255	No 281	Ja 217	278	247	30	1	.....	1,055,759
59	Glass.....	5	1,375	6	32	55	16	1,266	Fe 1,435	Au 673	1,330	1,143	170	13	4	1,743,643
60	Hardware.....	6	97	6	9	5	.....	77	Jy 84	Au 72	84	83	1	.....	.....	245,959
61	Hats and caps, other than felt, straw, and wool.	24	150	35	.....	13	4	98	No 111	My ⁴ 88	118	80	38	.....	.....	215,446
62	Hats, straw.....	7	1,526	2	39	68	32	1,385	Mh 1,460	Jy 1,236	1,491	524	951	3	13	4,265,510
63	Ice, manufactured.....	19	497	7	22	24	2	442	Au 594	De 313	540	540	.....	.....	.....	3,710,454
64	Instruments, professional and scientific.	4	56	1	9	3	1	42	Ja 61	Je ⁴ 34	42	36	6	.....	.....	130,650
65	Jewelry.....	21	132	22	7	5	7	91	No 96	Oc 82	98	87	8	3	.....	403,989
66	Lithographing.....	6	664	11	22	62	27	542	De 573	Mh 507	576	517	52	6	1	3,692,162
67	Looking-glass and picture frames.....	12	102	13	2	9	.....	78	De 88	Ja 65	88	77	7	4	.....	157,252

¹ Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).
² Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

MANUFACTURES—MARYLAND.

29

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.						
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.					Electric horsepower generated in establishments reporting.	
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Owned.					Rented. ²
											Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power. ¹		

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.

Dollars. 16,792,327	Dollars. 17,222,146	Dollars. 103,129,096	Dollars. 7,683,625	Dollars. 2,473,418	Dollars. 18,551,726	Dollars. 416,392,170	Dollars. 11,363,634	Dollars. 677,878,492	Dollars. 250,122,688	184,885	65,003	5,173	4,539	174	109,996	18,392	1
7,656	2,471	36,175	964	3,561	1,344	59,892	1,635	159,453	97,926	6					6		2
1,800	364	5,008		699	122	4,004	379	17,656	13,273	7					7		3
6,600	2,080	28,508		1,810	733	54,392	1,030	101,061	45,639	84			26		58		4
44,860	54,812	249,878	2,871	14,430	10,148	378,996	10,604	928,809	539,209	334			8		326		5
186,170	106,748	983,161	34,646	86,545	31,704	1,482,703	33,173	3,351,452	1,835,576	757			13		744		6
64,540	11,065	74,487	1,098	10,651	6,563	333,251	2,181	567,506	232,074	26					26		7
67,838	24,458	133,529		8,416	58,231	2,721,757	4,132	3,132,886	406,997	177	65				112		8
	1,200	22,891		3,566	863	45,651	387	96,620	50,582	1					1		9
14,839	8,209	11,685		3,259	1,696	65,643	860	149,969	83,466	9					9		10
274,903	149,160	1,412,795	6,810	33,449	112,139	3,298,286	72,390	6,156,873	2,786,197	1,931	665		92		1,174	117	11
213,161	24,011	887,601	1,644	37,106	45,358	2,397,016	9,066	3,850,830	1,444,748	4,405	3,868	250			287	1,075	12
225,398	704,187	2,044,226	6,471	60,253	416,410	10,599,314	233,471	17,599,524	6,766,739	1,890	287		26		1,577		13
95,316	30,332	477,541		180	30,257	531,771	216,730	1,874,067	1,125,566	549	150				399	10	14
50,896	19,658	163,619	30	1,191	4,360	542,289	5,934	747,019	198,796	84					84		15
		5,704		46	308	32,038	628	51,312	18,646								16
403,868	137,175	1,610,974	606	78,780	147,575	8,087,320	115,364	11,677,988	3,475,304	3,477	2,554		122		801	20	17
243,883	82,476	980,422	606	42,562	69,985	4,210,046	62,036	5,960,043	1,687,961	2,448	1,875		122		451	17	18
159,985	54,699	630,552		36,218	77,590	3,877,274	53,328	5,717,945	1,787,343	1,029	679				350	3	19
3,120	2,810	111,328	50	2,670	5,795	94,393	4,668	284,360	185,299	133			10		123		20
	2,810	85,234		144	5,099	71,396	3,384	202,056	127,276	90					90		21
3,120		26,094	50	2,526	696	22,997	1,284	82,304	58,023	43			10		33		22
452,706	243,327	6,202,829		4,695	6,782,374	223,661	223,661	14,420,844	7,414,809	10,284	3,439	50			6,795	959	23
6,725	10,251	6,110	9,163	1,844	1,148	30,326	360	65,727	35,041	19					19		24
5,880	3,300	43,753		2,950	493	3,175	6,591	119,939	110,173	115	110				5		25
1,443,823	2,875,967	10,580,515	5,355,794	401,543	431,862	30,521,010	155,986	59,838,256	29,161,260	2,355	1,265		36		1,054	126	26
1,433,703	2,874,017	8,826,692	5,332,293	373,505	429,524	30,504,664	128,627	57,536,009	26,902,718	2,101	1,265		36		800	126	27
10,120	1,950	1,753,823	23,501	28,038	2,338	16,346	27,359	2,302,247	2,258,542	254					254		28
		43,008	3,000	1,647	315	13,460	1,652	92,175	77,063	15					15		29
378,050	499,749	1,863,390	156,513	139,787	160,374	7,287,192	35,634	13,061,400	5,738,574	547					547		30
142,400	227,720	160,393		19,084	64,210	4,663,038	28,695	5,884,333	1,192,600	575	138				437		31
427,740	355,218	1,994,011	3,739	85,420	497,496	10,485,732	195,347	16,967,106	6,286,027	5,611	836		57		4,718	1,722	32
363,382	287,725	1,598,787		78,181	477,366	8,579,771	119,996	13,726,268	5,026,501	4,069	800		24		3,245	1,722	33
64,358	67,493	395,224	3,739	7,239	20,130	1,905,961	75,351	3,240,838	1,259,526	1,542	36		33		1,473		34
16,610	6,510	148,812	500	8,360	3,871	513,533	1,407	1,295,051	780,111	129	114				15		35
94,965	44,932	505,538	960	17,787	26,155	807,832	14,007	1,842,264	1,020,425	601			106		495		36
243,660	198,251	2,098,026	3,934	23,720	311,385	7,731,910	246,813	12,849,731	4,871,008	10,818	3,036			50	7,732		37
1,756		14,506		740	566	4,588	1,229	36,228	30,411	30	8		12		10	12	38
	2,808	35,828		2,415	50	44,423	1,370	116,747	70,954	28					28		39
262,287	672,871	486,741	108	24,274	302,182	3,557,979	22,837	6,819,667	3,238,851	1,080	625				455	75	40
49,598	15,810	144,903	4,723	7,696	30,707	152,150	4,757	522,865	365,958	188					188		41
5,980	2,383	50,205		2,370	976	58,345	3,169	155,532	94,018	77			18		59		42
	780	19,126		2,335	40	13,377	409	52,904	39,118	13					13		43
	2,468	34,557	655	3,442	37	36,896	815	110,669	72,958	13					13		44
60,562	18,579	96,650	8,293	1,934	6,664	308,192	4,877	631,376	318,307	211	200		5		6	72	45
657,704	594,277	3,089,256	2,659	40,016	695,293	20,807,535	386,366	32,292,525	11,098,624	15,897	2,984	733	28		12,152	1,382	46
217,973	87,680	313,195	10,575	19,122	79,685	6,601,658	96,477	8,845,786	2,147,651	1,576	352		154		1,070	260	47
591,963	296,817	3,924,426	31,895	67,687	289,747	3,125,254	292,513	10,875,321	7,457,554	7,745	1,186	200	276		6,083	252	48
137,861	42,393	821,354	10,648	8,034	76,194	568,734	72,374	2,031,342	1,390,234	1,164	55		42		1,067		49
330,826	132,594	1,696,557	21,247	46,397	82,281	1,428,991	96,671	4,842,018	3,316,356	2,711	331		234		2,146	27	50
123,276	121,830	1,406,515		13,256	131,272	1,127,529	123,468	4,001,961	2,750,964	3,870	800	200			2,870	225	51
6,143	11,562	146,270	425	14,465	3,439	406,798	3,409	738,314	328,107	18					18		52
383,277	538,307	2,202,074	154,365	97,202	441,541	7,834,603	42,576	13,961,385	6,084,206	1,599	937				662	270	53
56,763	80,752	104,347	1,981	11,194	6,759	849,433	2,302	1,368,951	517,216	26					26		54
326,514	457,555	2,097,727	152,384	86,008	434,782	6,985,170	40,274	12,592,434	5,566,990	1,573	937				636	270	55
186,805	233,534	1,131,083	10,430	51,378	55,158	2,245,424	52,352	5,157,784	2,860,008	1,826	980		35		811	38	56
19,580	2,200	34,631		4,422	1,007	83,594	1,263	169,630	84,773	21			6		15		57
44,969	51,358	285,343	5,571	5,500	25,569	463,936	12,205	1,350,132	873,991	222			50		172		58
142,353	126,356	1,221,453		360	163,446	548,802	312,892	3,354,101	2,492,407	1,547	225				1,322	20	59
22,500	7,214	80,657		3,360	1,805	65,220	44,487	337,063	227,356	136			10		126		60
	12,491	100,763	14,806	8,191	1,159	315,705	2,779										

TABLE 32.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Num-ber of estab-lish-ments	PERSONS ENGAGED IN THE INDUSTRY.								WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.	
		Total.	Pro-pri-ators and firm mem-bers.	Sala-ried offi-cers, super-in-tend-ents, and man-agers.	Clerks, etc.		Wage earners.			Total.	16 and over.		Under 16.		
					Male.	Fe-male.	Aver-age num-ber.	Number, 15th day of—			Male.	Fe-male.	Male		Fe-male
								Maximum month.	Minimum month.						

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

BALTIMORE—Continued.																	Dollars.
1	Lumber, planing-mill products, not including planing mills connected with sawmills.	31	952	24	53	81	22	772	No	842	Ja	699	850	788	52	10	3,098,134
2	Marble and stone work.	44	510	41	27	25	8	409					475	471	4		1,118,333
3	Monuments and tombstones.	36	343	36	17	20	7	263	De	294	Ja	222	294	290	4		887,194
4	All other.	8	167	5	10	5	1	146	De	181	Ja	89	181	181			231,139
5	Millinery and lace goods, not elsewhere specified.	22	322	25	17	6	19	255					279	83	192	2	597,604
6	Embroideries.	7	184	3	11	3	7	161	De	170	Ja	153	170	62	107	1	434,535
7	Trimmed hats and hat frames.	9	107	14	3	2	11	76	Au	118	Je	58	83	16	64	1	116,518
8	Dress and cloak trimmings.	6	31	8	3	1	1	18	De	30	My ⁸	13	26	5	21		46,551
9	Mineral and soda waters.	26	226	24	21	20	9	152	Je	190	Ja	126	158	148	8	2	558,757
10	Models and patterns, not including paper patterns.	9	49	9	2			38	De	44	Jy	31	36	36			101,264
11	Oil, not elsewhere specified.	6	176	5	13	32	8	118	De	141	Ja	77	141	138	3		1,157,743
12	Patent medicines and compounds.	49	1,031	35	71	145	95	685	Oc	722	Fe	650	713	307	369	14	5,112,958
13	Paving materials.	5	278	2	10	3	1	262	My	453	Fe	88	180	180			258,413
14	Photo-engraving.	6	117		13	13	5	86	De	111	Ja	46	111	104	1	6	234,226
15	Pickles, preserves, and sauces.	22	126	21	6	9	3	87	Sc	100	Ap	75	85	57	28		573,975
16	Poultry, killing and dressing, not done in slaughtering and meat-packing establishments.	12	55	14				41	De ³	57	Fe ³	35	57	57			120,354
17	Printing and publishing, book and job.	180	2,810	152	177	206	161	2,114	De	2,263	My ³	2,060	2,219	1,774	410	32	6,546,817
18	Printing and publishing, newspapers and periodicals.	54	1,996	19	82	554	235	1,106					1,123	1,029	73	19	3,786,553
19	Printing and publishing.	3	1,589	5	46	466	152	920	De ³	939	Mh	902	939	893	29	17	3,029,276
20	Printing, publishing, and job printing.	14	231	7	12	12	17	183	Jy	190	Ja	171	180	134	42	2	413,487
21	Publishing without printing.	37	176	7	24	76	66	3	Jy	6	Fe ³	2	4	2	2		343,790
22	Regalia, and society badges and emblems.	5	67	4	4	2	5	52	Ap	61	Fe	45	54	33	17	1	85,129
23	Saddlery and harness.	12	193	12	5	30		146	Ap	161	Ja	112	144	129	15		686,784
24	Sausage, not made in slaughtering and meat-packing establishments.	21	156	25	2	20	17	92	No	116	My ³	84	110	93	17		357,515
25	Shipbuilding, wooden.	16	1,360	14	45	51	6	1,244					1,180	1,179		1	2,093,835
26	New vessels.	7	1,051	2	32	44	6	967	Fe	1,492	Jy	732	881	880		1	1,487,349
27	Repair work only.	9	309	12	13	7		277	De ³	302	Fe	246	299	299			606,496
28	Shirts.	18	1,911	20	63	76	71	1,681	De	2,389	Ap	1,123	2,400	381	1,938	26	4,593,790
29	Silversmithing and silverware.	4	93	2	6		1	84	Jy	103	Ja	61	83	83			766,213
30	Slaughtering and meat packing.	42	1,932	42	79	238	56	1,517	De	1,685	Fe	1,412	1,690	1,483	203	4	12,465,099
31	Stamped and enameled ware, not elsewhere specified.	7	4,540	2	96	713	243	3,486	De	4,004	Ja	2,933	4,012	3,268	619	40	19,275,190
32	Stereotyping and electrotyping.	4	54		5	2	6	41	De	45	Oc	38	40	37		3	90,033
33	Structural ironwork, not made in steel works or rolling mills.	12	820	7	40	108	42	623	No	666	My	586	673	668	1	4	3,166,520
34	Tinware, not elsewhere specified.	25	4,591	11	101	217	96	4,166	Au	5,265	Ja	3,477	3,785	2,552	1,109	98	21,585,141
35	Tobacco, cigars and cigarettes.	121	2,557	136	63	48	28	2,282	Fe	2,624	Jy	1,842	2,637	560	2,077		5,989,270
36	Trunks and valises.	7	41	9				35	No ³	42	Ja	13	42	24	18		48,814
37	Umbrellas and canes.	8	477	9	20	48	23	377	De	408	Mh	367	426	114	283	10	1,147,228
38	Varnishes.	3	12	5		2		5	(⁴)	5	(⁴)	5	5	5			44,966
39	Window and door screens.	3	39	2	4	2	4	27	Jy ³	42	Ja ³	16	27	27			88,686
40	Window shades and fixtures.	4	71	3	5	19	11	33	Oc	40	Mh	27	38	16	17	5	296,062
41	All other industries*.	345	30,403	262	994	1,739	754	26,654					23,761	21,184	2,233	233	160,955,502

* All other industries embrace—	Carpets, rag.....	1	Dyeing and finishing textiles, exclu-	Grease and tallow, not including lu-	
Aeroplanes, seaplanes, and airships,	Carriage and wagon materials.....	1	sive of that done in textile mills....	bricating greases.....	3
and parts.....	Carriages and sleds, children's.....	3	Dyestuffs and extracts—natural.....	Hand stamps.....	3
Ammunition.....	Cars and general shop construction		Enameling.....	Hat and cap materials.....	1
Babbitt metal and solder.....	and repairs by electric-railroad com-		Engines, steam, gas, and water.....	Hats, fur-fe.t.....	3
Bags, paper, exclusive of those made	panies.....	1	Envelopes.....	House-furnishing goods, not elsewhere	
in paper mills.....	Cars, steam-railroad, not including		Ferroalloys.....	specified.....	3
Baking powders and yeast.....	operations of railroad companies....	1	Flavoring extracts.....	Ink, printing.....	1
Belting, leather.....	Chemicals.....	6	Flour-mill and gristmill products....	Iron and steel, steel works and rolling	
Belting, woven.....	Chewing gum.....	1	Foundry supplies.....	mills.....	1
Bluing.....	Clocks.....	1	Furs, dressed.....	Iron and steel, bolts, nuts, washers,	
Bookbinding and blank-book making..	Coffins, burial cases, and undertakers'		Galvanizing.....	and rivets, not made in rolling mills..	1
Boot and shoe cut stock.....	goods.....	3	Gas, illuminating and heating.....	Iron and steel, cast-iron pipe.....	2
Boot and shoe findings.....	Cordage and twine.....	1	Glass, cutting, staining, and orna-	Iron and steel, forgings, not made in	
Boots and shoes.....	Cordials and flavoring sirups.....	6	menting.....	steel works or rolling mills.....	3
Boxes, cigar.....	Cork, cutting.....	1	Gloves and mittens, cloth, not in-	Iron and steel, nails and spikes, cut	
Brass, bronze, and copper products..	Corsets.....	2	cluding gloves made in textile	and wrought, including wire nails,	
Brushes.....	Cotton small wares.....	1	mills.....	not made in steel works or rolling	
Butter.....	Dairymen's, poultrymen's, and api-		Gloves and mittens, leather.....	mills.....	1
Canning and preserving, oysters.....	arists' supplies.....	1	Glue, not elsewhere specified.....	Iron and steel, welding.....	11
Card cutting and designing.....	Drug grinding.....	1	Gold and silver, leaf and foil.....	Japanning.....	2

CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

1	ANNAPOLIS.	15	143	14	15	14	5	95	Ap	125	Ja	77	123	86	36	1	503,914
2	CUMBERLAND.	82	4,128	70	155	101	49	3,753	Oc	4,111	Fe	3,321	4,046	3,417	552	53	10,281,982
3	FREDERICK.	77	1,599	82	93	81	35	1,308	Se	1,761	My	1,172	1,627	1,219	406	2	4,497,765
4	HAGERSTOWN.	122	4,598	107	206	160	96	4,029	No	4,301	Ap	3,765	4,303	3,338	899	37	13,968,019

¹ Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).
² Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

MANUFACTURES—MARYLAND.

31

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.					
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.					Electric horsepower generated in establishments reporting.
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power. ¹		Rent-ed.^{2}

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

Dollars. 192,659	Dollars. 127,089	Dollars. 770,831	Dollars. 18,461	Dollars. 31,110	Dollars. 107,865	Dollars. 566,576	Dollars. 32,210	Dollars. 4,516,442	Dollars. 1,917,656	3,674	2,040	.....	120	.....	1,514	15	1
79,625	41,026	515,095	664	18,717	10,629	588,820	24,416	1,531,809	918,573	1,019	595	.....	17	.....	407	750	2
57,994	32,266	333,843	664	17,763	9,335	457,337	16,137	1,133,093	659,619	605	400	.....	17	.....	188	700	3
21,631	8,760	181,252	.....	954	1,294	131,483	8,279	398,716	258,954	414	195	.....	.....	.....	219	50	4
61,983	16,148	169,591	24,086	9,967	27,771	399,890	5,271	932,544	527,383	62	.....	.....	1	.....	61	.....	5
53,575	7,545	101,591	24,086	3,448	21,769	198,511	3,081	564,617	363,025	40	.....	.....	.....	.....	40	.....	6
5,530	8,354	55,805	.....	3,694	5,518	170,179	1,213	304,633	133,241	9	.....	.....	1	.....	8	.....	7
2,878	249	12,195	.....	2,825	484	31,200	977	63,294	31,117	13	.....	.....	.....	.....	13	.....	8
37,893	28,775	152,957	1,407	12,620	67,889	630,078	9,852	1,233,485	593,555	287	80	.....	21	.....	186	.....	9
3,515	.....	61,993	.....	1,663	401	18,935	2,304	116,290	95,031	64	.....	.....	12	.....	52	.....	10
39,550	54,821	142,909	.....	1,680	8,794	2,323,291	19,213	3,123,209	780,705	753	620	.....	.....	.....	133	.....	11
314,793	360,953	514,710	2,968	13,619	611,544	4,636,428	29,912	8,616,675	3,950,335	1,189	105	.....	9	.....	1,075	.....	12
29,475	5,377	309,239	.....	6,380	4,051	157,731	20,872	717,296	538,693	1,137	637	.....	28	.....	472	30	13
47,192	13,037	138,163	6,069	5,524	1,744	74,670	4,057	380,972	302,245	70	.....	.....	.....	.....	70	.....	14
42,700	14,292	71,185	307	3,905	98,085	511,649	6,741	796,201	277,811	67	4	.....	10	.....	53	.....	15
.....	.....	58,097	.....	2,673	1,120	1,005,810	3,034	1,139,455	130,611	27	17	.....	.....	.....	10	.....	16
681,461	427,927	2,404,450	517,154	135,825	237,075	3,824,888	86,685	10,333,510	6,421,937	2,346	571	.....	115	.....	1,660	836	17
397,281	1,039,537	1,342,121	331,713	82,834	72,699	3,127,423	46,345	8,282,313	5,108,545	1,853	.....	200	4	.....	1,649	.....	18
231,295	743,984	1,133,012	.....	67,846	59,165	2,901,675	38,237	6,725,732	3,785,820	1,712	.....	200	.....	.....	1,512	.....	19
35,829	30,570	207,259	10,338	10,365	3,967	144,210	8,058	537,454	385,186	141	.....	4	.....	.....	137	.....	20
130,157	264,983	1,850	321,375	4,623	9,567	81,538	50	1,019,127	937,539	.....	.....	.....	.....	.....	.....	.....	21
9,300	4,963	36,141	312	2,733	1,295	48,842	1,624	135,763	85,297	13	.....	.....	.....	.....	13	.....	22
27,760	26,021	146,783	.....	4,617	11,959	476,682	5,223	797,866	315,961	135	100	.....	10	.....	25	.....	23
4,160	38,113	98,992	.....	5,986	1,779	1,362,790	16,843	1,724,833	345,200	559	106	.....	12	.....	441	.....	24
152,798	56,106	1,800,426	.....	46,691	47,723	1,422,957	36,681	4,011,866	2,552,228	3,247	235	150	86	.....	2,776	.....	25
128,344	43,883	1,420,421	.....	41,375	43,350	1,205,840	28,222	3,244,376	2,010,314	2,399	35	150	58	.....	2,156	.....	26
24,454	12,223	380,005	.....	5,316	4,373	217,117	8,459	767,490	541,914	848	200	.....	28	.....	620	.....	27
278,981	183,673	1,297,547	412,370	62,686	114,233	7,199,904	33,268	10,566,819	3,333,647	589	.....	.....	28	.....	561	.....	28
44,760	780	102,372	4,068	5,850	2,194	214,216	4,441	420,502	201,845	126	20	75	.....	.....	31	95	29
366,843	447,877	1,924,413	2,376	21,099	284,028	32,334,624	341,318	40,479,781	7,803,839	5,000	3,074	450	.....	.....	1,476	1,159	30
286,513	950,889	3,341,409	300,000	7,813	388,571	6,465,037	255,726	13,075,233	6,354,470	7,137	1,661	260	.....	.....	5,216	20	31
20,400	6,520	51,412	.....	3,131	1,529	57,436	3,860	172,398	111,102	98	.....	.....	14	.....	84	.....	32
134,350	195,051	801,934	6,305	5,959	76,210	1,761,434	32,209	3,808,486	2,014,843	1,361	345	.....	57	.....	959	639	33
415,726	385,200	3,554,598	40,000	84,677	353,030	18,246,294	159,567	24,959,596	6,553,735	3,441	640	.....	63	.....	2,738	267	34
110,268	109,036	1,732,827	23	60,097	843,209	3,201,313	19,382	7,458,851	4,238,156	441	180	.....	.....	.....	261	167	35
106,525	155,832	219,924	.....	4,027	93	60,424	663	112,316	51,229	8	.....	.....	.....	.....	8	.....	36
.....	2,810	5,304	.....	16,846	9,952	1,797,516	5,751	2,729,891	926,624	47	.....	.....	.....	.....	47	.....	37
.....	6,751	33,935	.....	1,237	1,168	58,212	1,088	89,395	30,095	50	.....	.....	.....	.....	50	.....	38
21,290	29,536	26,885	.....	1,600	991	31,535	1,133	107,958	75,290	275	100	.....	.....	.....	75	.....	39
4,901,440	3,646,493	33,539,039	165,627	3,912	9,849	494,417	813	642,070	146,840	5	.....	.....	.....	.....	5	.....	40
.....	.....	.....	.....	320,202	10,324,465	171,166,538	6,763,003	250,743,358	72,813,817	62,203	21,539	2,765	2,049	24	35,826	6,261	41

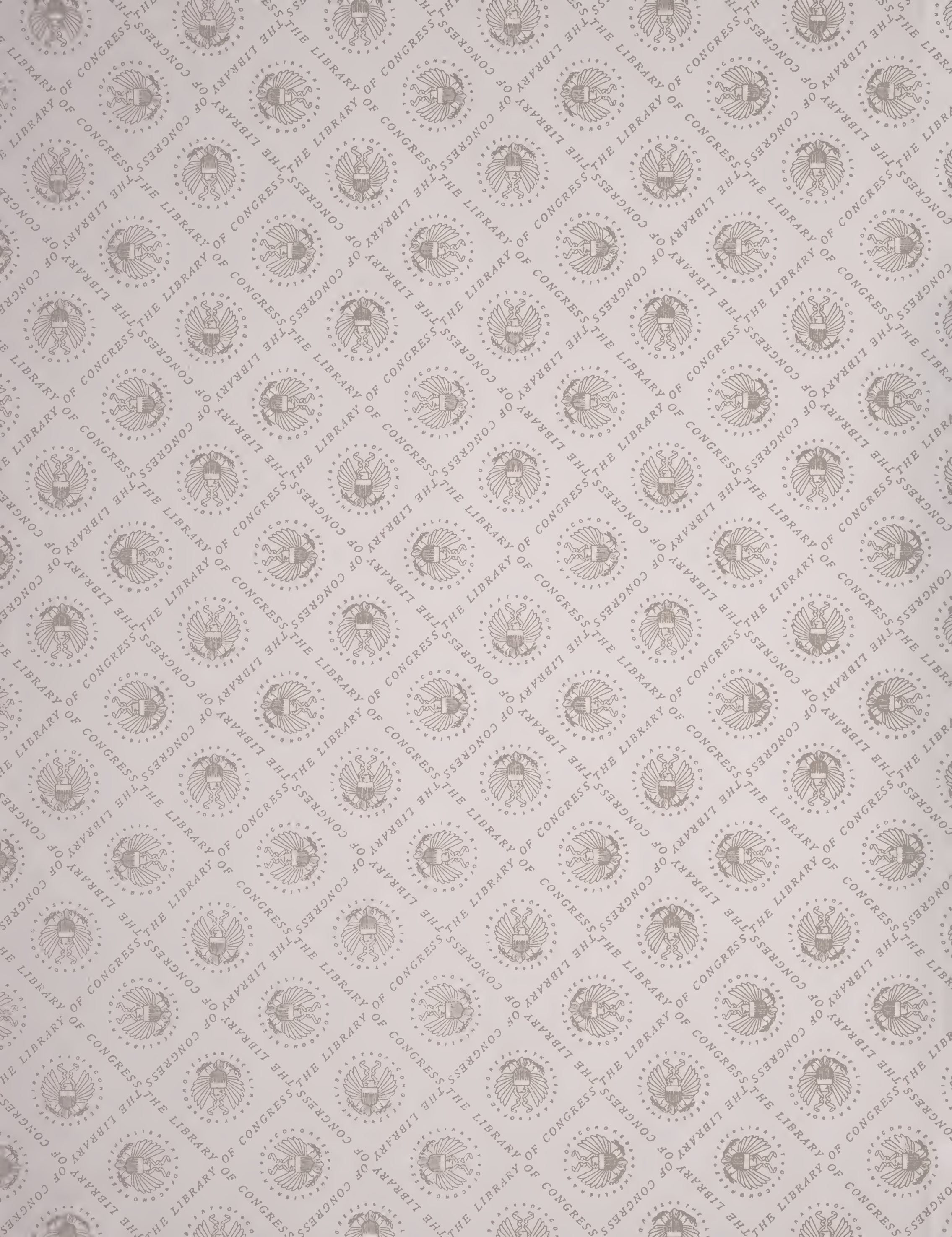
Jewelry and instrument cases..... 1	Musical instruments and materials, not elsewhere specified..... 1	Pottery, china..... 1	Steam fittings and steam and hot-water heating apparatus..... 2
Jute goods..... 1	Musical instruments, organs..... 1	Printing and publishing, music..... 1	Stencils and brands..... 2
Lead, bar, pipe, and sheet..... 1	Musical instruments, pianos..... 3	Printing materials..... 3	Stoves and hot-air furnaces..... 4
Leather goods, not elsewhere specified..... 3	Musical instruments, piano and organ materials..... 1	Pumps, steam and other power..... 1	Stoves, gas and oil..... 2
Leather, tanned, curried, and finished..... 1	Needles, pins, and hooks and eyes... 1	Refrigerators..... 1	Sulphuric, nitric, and mixed acids... 1
Lime..... 2	Nets and seines..... 2	Roofing materials..... 3	Surgical appliances..... 2
Liquors, distilled..... 1	Oakum..... 1	Rubber tires, tubes, and rubber goods, not elsewhere specified..... 2	Suspenders, garters, and elastic woven goods..... 2
Liquors, malt..... 6	Cleomargarine and other butter substitutes..... 2	Safes and vaults..... 1	Textile machinery and parts..... 1
Lubricating greases..... 1	Optical goods..... 5	Saws..... 2	Tobacco, smoking..... 1
Lumber and timber products..... 1	Paints..... 13	Shipbuilding, steel..... 2	Tools, not elsewhere specified..... 2
Machine tools..... 1	Paper and wood pulp..... 1	Show cases..... 2	Toys and games..... 9
Mattresses and spring beds, not elsewhere specified..... 18	Paper goods, not elsewhere specified.. 2	Signs and advertising novelties..... 8	Vinegar..... 1
Minerals and earths, ground or otherwise treated..... 1	Pens, fountain and stylographic..... 1	Smelting and refining, copper..... 1	Washing machines and clothes wringers..... 1
Mirrors, framed and unframed, not elsewhere specified..... 1	Petroleum, refining..... 4	Soda-water apparatus..... 1	Wirework, not elsewhere specified... 11
Mucilage, paste, and other adhesives, not elsewhere specified..... 1	Photographic apparatus..... 1	Springs, steel, automobile, not made in steel works or rolling mills..... 2	Wood, turned and carved..... 2
.....	Plated ware..... 1	Stationery goods, not elsewhere specified..... 1	Wooden goods, not elsewhere specified..... 1
.....	Plumbers' supplies, not elsewhere specified..... 1	Statuary and art goods..... 2	.....

CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

15,070	6,844	90,073	1,625	4,656	4,012	144,541	38,846	369,114	185,727	151	70	.....	.....	.....	81	9	1
522,533	190,021	4,723,665	708	35,318	399,270	7,813,943	478,386	15,842,210	7,549,881	10,317	7,216	.....	65	.....	3,036	1,077	2
185,242	139,495	950,507	20,203	14,167	103,278	4,739,507	143,130	7,141,204	2,258,567	3,204	1,589	.....	20	40	1,555	1	3
530,584	286,035	4,109,042	48,130	33,412	222,629	10,094,055	307,367	17,662,575	7,261,153	9,532	4,129	110	2	65	5,226	4,368	4

* Same number reported for one or more other months.

† Same number reported throughout the year.





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